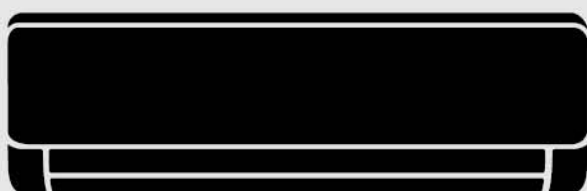




AIR CONDITIONER



2021

**EU**

RESIDENTIAL AIR CONDITIONER



*Made in China  
Loved by the World*



# ABOUT GREE

Gree Electric Appliances, Inc. of Zhuhai was founded in 1991 and was listed on the Shenzhen Stock Exchange in November 1996. At the beginning, Gree was only a company that assembled residential air conditioners. Now it has grown into a diversified global technological industrial group that has expanded its business to air conditioners, home appliances, high-end equipment and communication equipment under three brand names: GREE, KINGHOME and TOSOT. Gree is the number one brand of air conditioners in the world in 2019\*.

## 2020

Gree has ranked the **436th** on the list of **Fortune Global 500**.

## 2019

Gree entered into **Fortune Global 500**. Gree's return on equity (ROE) ranked the first among the 129 Chinese enterprises on the list.

## 2018

Gree entered into the list of **Forbes Global 2000** again and ranked **No. 294**, moving up 70 places compared with the previous year.

Gree's sales revenue exceeded **30.23 billion** USD.

## 2017

Gree's sales revenue exceeded **22.21 billion** USD.

## 2016

Gree's sales revenue exceeded **16.51 billion** USD.

## 2015

Gree's sales revenue exceeded **15.08 billion** USD.

## 2005

Gree has topped **No.1** in production and sales volume of residential air conditioners for 14 consecutive years.

Thanks to 400 million users' choices, Gree brands are sold widely to more than 160 countries and regions. Action makes the future and innovation makes achievement. Looking forward, Gree will press ahead with its business philosophy of passion, innovation and realization. We aim to build a centenary air conditioning enterprise and create a better life for humankind.

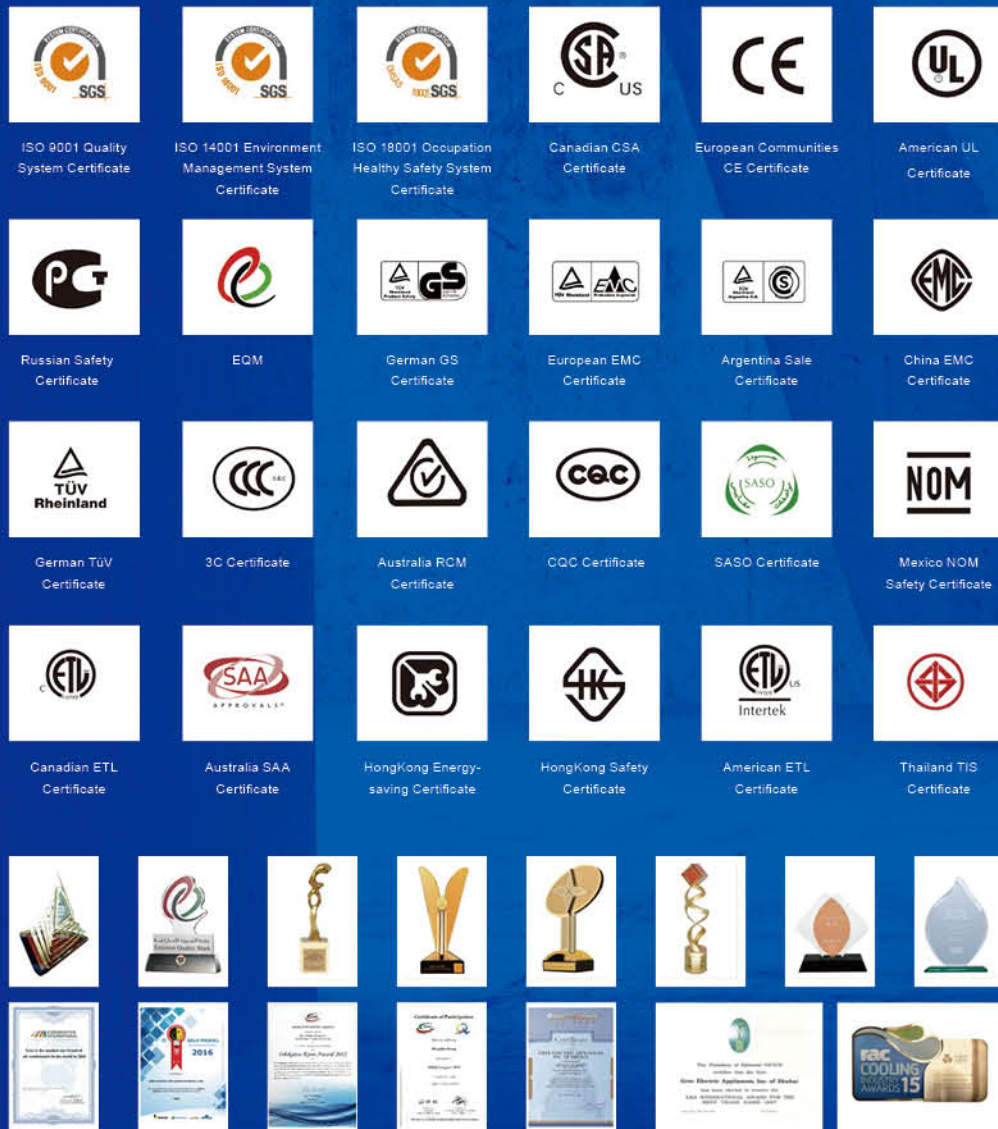
\*Gree is the number one brand of air conditioners in the world in 2019

Footnote: "Source Euromonitor International Limited; Consumer appliances 2020ed; retail volume sales in units, 2019 data."



# AWARDS AND CERTIFICATES

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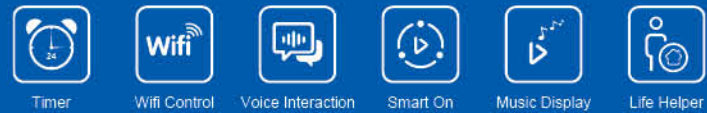
**55**  
Light Commercial



# G-cloud and Google Assistant Cloud Connection

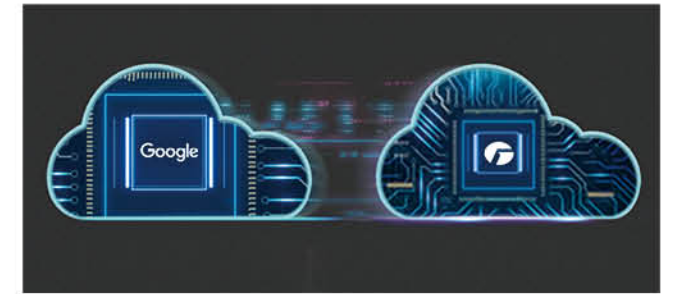
Google Assistant is usually considered as an upgraded or extended version of Google Now and an extended version of the existing "OK Google" voice control.

Google Assistant can cover all the voice commands, voice search, voice activation device control functions involved in Google Now or "OK Google", and integrate them into a people-centered interactive dialogue AI experience.



## Principle of Connection between G-cloud and Google Assistant Cloud

Data Synchronism, Query Device Status, Execute Demand. For example, say "Turn on the lights" in the kitchen, and a third-party device can handle the command.



## How to Access Google Speakers and Google Home

Configure Google Home and add devices to Home Control, bind Smart Life app account, use Google Home App to control the smart devices—voice command.etc. "Set living room AC mode to cool".

Air conditioning unit | Fresh air unit | Air purifier

Dishwasher | Dryer | Fan | Heater

Oven | Refrigerator | Vacuum | Washing machine





# Two-way Air Exchange for Fresh Air

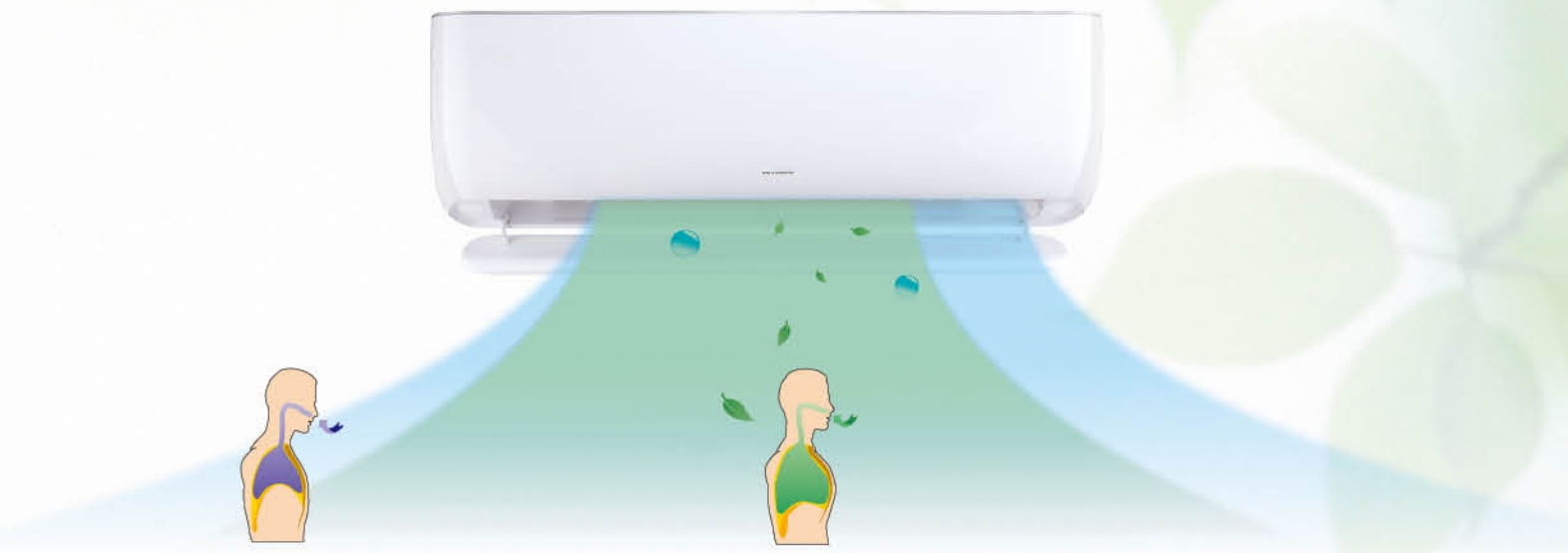


discharge volatile gas and odor outdoors

bring fresh air indoors

## Two-way air circulation

Equipped with a two-way fresh air ventilation system to simulate human breathing, the air conditioner with built-in HEPA filter can filter the outdoor air and bring fresh air indoors. Meanwhile, it can discharge volatile gas and odor out of the room and lower the concentration of carbon dioxide inside the room. By breathing in and out, the air conditioner provides fresh air indoors.



Before starting up the air conditioner, there is high concentration of CO2/formaldehyde/odors, the indoor air is stale and you feel exhausted.

After starting up the air conditioner the concentration of CO2/formaldehyde/odors is effectively lowered, the indoor air becomes fresh and you begin to breathe easily.

## Monitoring of CO2 concentration

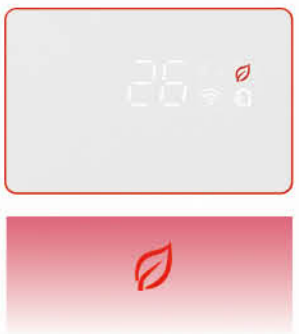
Freair is built with a CO2 detection module that can detect in real time the concentration of CO2 in the room. There is an indicator that displays the indoor air quality in real time. It can intelligently turn on or off the fresh air function, caring for the air you breathe.



**Green:** ●  
air quality is excellent (normal concentration of CO2)



**Yellow (orange):** ●  
air quality is moderate (high concentration of CO2)



**Red:** ●  
air quality is bad (very high concentration of CO2)

Note: The air quality is graded by Gree Freair according to the concentration of CO2 monitored in real time. This may vary in different countries. You can view the concentration of CO2 in real time through Gree+ APP.



# R290



Ozone Decay Percentage



## Eco-friendly refrigerant

ODP (ozone decay percentage) is 0, GWP (global warming potential) is 3;

R290 (propane, C<sub>3</sub>H<sub>8</sub>) as refrigerant will not change the content of hydrocarbons in nature, which has no direct impact on the greenhouse effect.



## Safe

Highest temperature of air conditioning system will not exceed 150°C, which is far below the minimum burning point 810°C of R290. So R290 refrigerant air conditioner is safe under normal operating conditions.



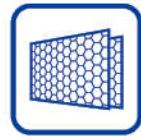
## Double protection for Gree R290 air conditioner

Hardware protection (anticorrosion heat exchanger, anti-explosion components), software protection (pre-air supply function, consistent ventilation function, irrecoverable refrigerant-lacking protection function).



# Icon Interpretation

## · Healthy and comfortable



Healthy Filters

Electrostatic dedusting filter, catechin filter, active carbon filter, silver ion filter, etc.



Quiet Design

The indoor fan operates at a low fan speed and the operating noise reduces to the lowest.



Cold Plasma

It can effectively sterilize and provide the air with more negative oxygen ions.



Turbo Button

The unit will operate at a super high fan speed in cooling and heating mode for fast cooling and heating.



Auto Clean

Condensate water mixes with dust, and then the dust is removed by decreasing the temperature to frost and heating up temperature to defrost, finally the temperature increases to make the evaporator dry and clean.

## · Intelligent setting



Wifi Control

The air conditioner can be remotely controlled via mobile phone and related mobile devices.



Self-Diagnosis

Controller can detect the error of unit, display corresponding error code and stop the operation of unit.



Intelligent Preheating

It can prevent the indoor unit from supplying cool air before the unit has reached the effective heating effect.



Comfortable Sleep Mode

The air conditioner will postpone the time to automatically adjust the set temperature to satisfy the sleeping demand of user.



I Feel

By collecting the ambient temperature via remote controller, the air conditioner can operate according to the human body induction temperature fitly to ensure the comfort to the greatest extent.

## · Safe and reliable



Golden Fin

It adopts special anti-corrosion material, corrosion resistance and acid resistance of air conditioner will be reinforced under humid environment.



Fireproof Design

Electric box adopts new BMV fireproof material, which is safe and reliable.



Wide Voltage Range

Unit can operate stably under a wide voltage range from 145V to 265V, which is suitable for the regions with unstable power supply.



Refrigerant Lacking Protection

When the refrigerant is insufficient or the valve is blocked, indoor unit of air conditioner will display error code "F0" and stop operation to protect the unit.

## · High-efficiency and energy-saving



Energy-saving

After entering the energy-saving mode, the cooling temperature of unit will be fixed at 27°C and fan speed will be adjusted as low speed.



1W Standby

When the air conditioner shuts down and all the load stops operation, the standby power is less than or equal to 1W.



Intelligent Defrosting

It can intelligently detect the frost status and conduct fast defrosting to improve the heat-dissipation efficiency.



Turbo Boost Clothes Drying System

After the dehumidifier conducts fast drying and completes the drying, the indoor humidity will be kept in a certain degree to prevent clothes from mildewing.












Soft Start

After power failure and the power supply resumes, units of the whole building will conduct off-peak re-energization instead of restarting simultaneously to avoid the impact to power grid (especially for engineering project).



Products Overview

| Wall-mounted Type  | Capacity(Btu/h)  | 7000  | 9000 | 12000 | 18000 | 24000 | Page |
|--|------------------|-------|------|-------|-------|-------|------|
| <b>Soyal</b>      | DC Inverter, R32 |       | ●    | ●     | ●     |       | 11   |
| <b>Kimbe</b>      | DC Inverter, R32 |       | ●    | ●     |       |       | 13   |
| <b>G-Tech</b>     | DC Inverter, R32 |       | ●    | ●     |       |       | 16   |
| <b>Amber</b>      | DC Inverter, R32 |       | ●    | ●     | ●     | ●     | 18   |
| <b>Fairy</b>      | DC Inverter, R32 |       | ●    | ●     | ●     | ●     | 21   |
| <b>Pular</b>      | DC Inverter, R32 |       | ●    | ●     | ●     | ●     | 23   |
| <b>Bora</b>       | DC Inverter, R32 |       | ●    | ●     | ●     | ●     | 25   |
| Floor-standing   | Capacity(Btu/h)  | 24000 |      | 48000 |       |       | Page |
| <b>T-Fresh</b>   | DC Inverter, R32 |       | ●    |       | ●     |       | 29   |
| Portable Type  | Capacity(Btu/h)  | 5000  | 7000 | 9000  | 10000 | 12000 | Page |
| <b>Aovia</b>    | On-Off, R290     | ●     | ●    | ●     | ●     | ●     | 31   |
| <b>Aolis</b>    | On-Off, R290     | ●     | ●    | ●     | ●     | ●     | 33   |
| <b>Purity</b>   | On-Off, R290     |       | ●    | ●     |       |       | 35   |
| Window Type  | Capacity(Btu/h)  | 9000  |      | 12000 |       |       | Page |
| <b>Coolani</b>  | DC Inverter, R32 |       | ●    |       | ●     |       | 37   |

| Recreational Vehicle AC   |                 | Capacity(Btu/h)            |      | 8500  |       |       |       |       | 12000 |       |       |       |       | Page  |      |
|---|-----------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| <b>Shark</b>         | On-Off, R410A   | ●                          |      |       |       |       | ●     |       |       |       |       | 39    |       |       |      |
| Dehumidifier  |                 | Dehumidifying Volume (L/D) |      | 10    | 12    | 16    | 20    | 24    | Page  |       |       |       |       |       |      |
| <b>Aovia</b>         | R290            | ●                          | ●    | ●     | ●     | ●     | 41    |       |       |       |       |       |       |       |      |
| <b>Aolis</b>         | R290            | ●                          | ●    | ●     | ●     | ●     | 43    |       |       |       |       |       |       |       |      |
| <b>Fancy</b>         | R290            |                            | ●    | ●     |       |       | 45    |       |       |       |       |       |       |       |      |
| <b>Granto</b>        | R290            | ●                          | ●    | ●     |       |       | 47    |       |       |       |       |       |       |       |      |
| <b>Petal</b>       | R290            | ●                          | ●    |       |       |       | 49    |       |       |       |       |       |       |       |      |
| Light Commercial  |                 | Capacity(Btu/h)            | 9000 | 12000 | 14000 | 18000 | 21000 | 24000 | 28000 | 30000 | 36000 | 42000 | 48000 | 60000 | Page |
| <b>Console</b>     | DC Inverter R32 | ●                          | ●    |       | ●     |       |       |       |       |       |       |       |       |       | 51   |
| <b>Free Match</b>  | DC Inverter R32 |                            |      | ●     | ●     | ●     | ●     | ●     |       | ●     | ●     |       |       |       | 53   |
| <b>U-match</b>     | DC Inverter R32 |                            | ●    |       | ●     |       | ●     |       | ●     | ●     | ●     | ●     | ●     |       | 60   |





[Wall-mounted Type]

Soyal

Features: ☐ Standard ☐ Optional

- Dehumidifying
- Multi-sleep Curves
- Soft Start
- Turbo Button
- Dry Anti-mildew Technology
- Low-Voltage Startup
- Self-diagnosis
- Intelligent Defrosting
- 7 Fan Speeds
- Lock
- LED Display
- Auto Clean
- Quiet Design
- Timer
- Intelligent Preheating
- Wifi Control
- Power-off Memory
- Healthy Filters



· Equipped with innovative heat source induction air supply technology to achieve a variety of wind-sweeping modes such as follow, avoid, surround, and ECO modes.



· Upgraded fully closed motive large air deflector for supplying farther and more uniform air.



· Side face adopts fishtail design for beautiful body shape.

INVERTER **₹32**

| Model                      |         |       | GWH09AKC-K6DNA1A        | GWH12AKC-K6DNA1A     | GWH18AKC-K6DNA1A     |
|----------------------------|---------|-------|-------------------------|----------------------|----------------------|
| Capacity                   | Cooling | Btu/h | 9200                    | 12044                | 18080                |
|                            | Heating | Btu/h | 12300                   | 14330                | 19100                |
| EER/COP                    |         | W/W   | 4.91/4.8                | 4.4/4.5              | 3.8/3.8              |
| SEER/SCOP                  |         | W/W   | 9.4/5.1                 | 9/5.1                | 7/4.3                |
| Package Dimension(indoor)  | LxWxH   | mm    | 1086×376×402            | 1086×376×402         | 1090×380×407         |
| Package Dimension(outdoor) | LxWxH   | mm    | 948×420×645             | 948×420×645          | 1029×458×750         |
| Sound Pressure Level       |         | dB(A) | 42/38/35/33/29/22/19/18 | 44/39/37/34/29/23/22 | 46/40/37/35/31/25/24 |
| Loading Quantity           | 40°GP   | sets  | 139                     | 139                  | 117                  |
|                            | 40THQ   | sets  | 158                     | 158                  | 129                  |

Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.



[Wall-mounted Type]

# Kimbe

Features: ☐ Standard ☒ Optional



Dehumidifying



Timer



Auto Clean



Power-off  
Memory



Intelligent  
Defrosting



Low-Voltage  
Startup



Intelligent  
Preheating



Quiet Design



7 Fan Speeds



Lock



LED Display



Comfortable  
Sleep Mode



8°C Heating



Auto Swing



Soft Start



Wifi Control



Turbo Button



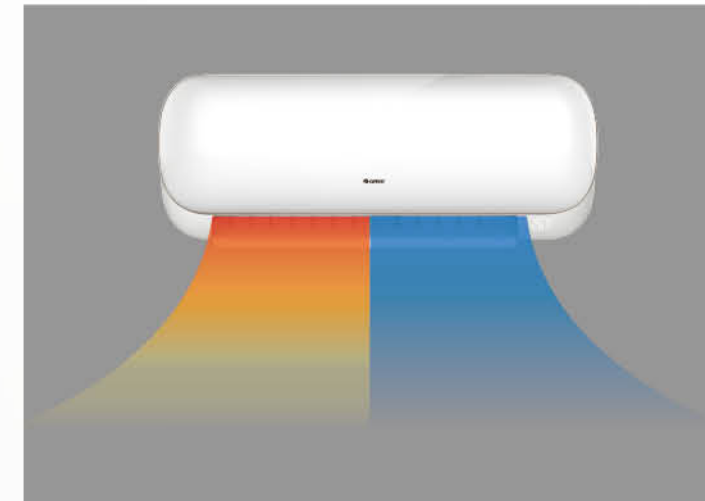
Healthy Filters



## Unique and exquisite appearance

· Round and compact, bionic shell design, champagne gold plating circle decoratio.

Original full-closed appearance, double-layer hidden sports wind deflector, automatic retractable air inlet cover at the top, the whole machine is fully closed from top to bottom when shutting down. It is dustproof during normal use, clean air supply when starting up, and easy to clean with a touch of dust when shutting down.



## EU A+++ energy efficiency, the whole machine runs efficiently

· The cooling and heating effect is stronger(50°C high-temperature refrigeration does not decay). Users can enjoy the comfortable temperature like spring without fear of severe cold and heat.



## 0.5°C precise temperature control

· Precisely adjust the indoor temperature, every degree is the comfortable temperature you want



## 16dB\* low-noise, interference-free display double protection for more sweet sleep

· Innovative noise intelligent control technology is adopted to optimize the sweeping and guiding modes, and the noise of the air conditioner can be as low as 16dB\*.

\*Built-in light-sensitive sensor, when the light is set to "Auto" mode\*, the air conditioner can automatically sense the changes in the surrounding environment of the fuselage, and intelligently adjust the brightness of the air conditioner LED display and the volume of the air conditioner buzzer.

\*16dB: It is the lowest noise that Gree Kimbe can achieve when running in silent mode. The data is derived from the laboratory test report. The test environment and conditions are different, and the data will be slightly different)

\*The light to set "automatic" mode: please refer to the manual for the specific operation method.





**Dew:** When the air conditioner conducts cooling operation, the condensate water generated in the surface of evaporator combines with dust.

**Frost:** When the condensate water fills the surface of evaporator, it quickly cools down, causing the condensate water to swell and expand, allowing the dust to escape from the surface of evaporator.

**Defrost:** When the frost layer reaches a certain thickness, it quickly defrosts the condensate water and takes away the dust.

**Dry:** After the drainage is completed, the evaporator is dried out to effectively solve the problem of dust and mildew of evaporator.

## Self-cleaning

·Evaporator self-cleaning technology, dust removal and drying two-in-one. Four steps of deep cleaning to reduce the growth of bacteria inside the air conditioner and breathe healthy air everyday.



·Scan and download the "Gree+" APP, no need to worry forgetting to turn off AC when going out or cold or sultry house when going home, just need the mobile phone to remotely control the air conditioner in your home, you can enjoy the beautiful life of the era of intelligent control!

<http://global.ewpeinfo.com/GreePlusInternational/>

Note: For details on how to download and install the APP, please refer to the owner's manual or consult our local dealers. Due to the need of APP upgrading, the actual effect of the APP may be changed. Gree+ APP is applicable to Apple 8.0 and above, Android 4.4 and above and should be used when the product is connected to the network.

## Intelligent Wifi control

| Model                      |         |       | GW/H09ANC-K6DNA1A       | GW/H12ANC-K6DNA1A    |
|----------------------------|---------|-------|-------------------------|----------------------|
| Capacity                   | Cooling | Btu/h | 9200                    | 12000                |
|                            | Heating | Btu/h | 10900                   | 13000                |
| EER/COP                    |         | W/W   | 4.5/4.48                | 4/4                  |
| SEER/SCOP                  |         | W/W   | 8.8/4.7                 | 8.6/4.6              |
| Package Dimension(indoor)  | LxWxH   | mm    | 1058×428×288            | 1058×428×288         |
| Package Dimension(outdoor) | LxWxH   | mm    | 881×363×645             | 881×363×645          |
| Sound Pressure Level       |         | dB(A) | 42/40/35/31/29/23/21/19 | 42/40/36/33/31/24/23 |
| Loading Quantity           | 40'GP   | sets  | 174                     | 174                  |
|                            | 40'HQ   | sets  | 204                     | 204                  |



Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.



## 3D Spiral External Air Supply Technology

Air outlet angle combines with the big air guide louver for achieving cooling from the top down, providing you with new and comfortable experience.

[Wall-mounted Type]

## G-Tech

Features: ☐ Standard ☐ Optional



Dehumidifying



Comfortable Sleep Mode



Timer



Auto Swing



Energy-saving



Power-off Memory



Intelligent Defrosting



Low-voltage Startup



8°C Heating



Quiet Design



I Feel



Turbo Button



Soft Start



Intelligent Preheating



Dry Anti-mildew Technology



Self-diagnosis



LED Display



Lock



Wifi Control



7 Fan Speeds

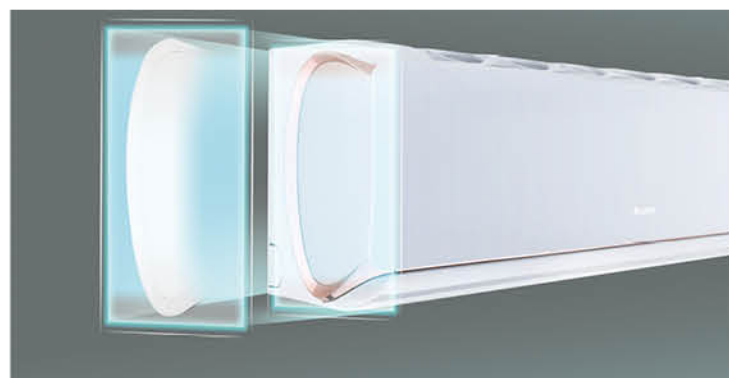


Healthy Filters





5-Level washing to breathe healthier air



· Users can pick and match the outer modules with different colors at will, meeting various demands.



· Water-electricity system: all ventilation parts are removable and washable, the cleaning is safer.



| Model                      |         |       | GWH09AEC-K6DNA1A        | GWH12AEC-K6DNA1A     |
|----------------------------|---------|-------|-------------------------|----------------------|
| Capacity                   | Cooling | Btu/h | 9200                    | 11942                |
|                            | Heating | Btu/h | 10900                   | 13000                |
| EER/COP                    |         | W/W   | 4.5/4.48                | 4/4                  |
| SEER/SCOP                  |         | W/W   | 8.5/4.6                 | 8.5/4.6              |
| Package Dimension(indoor)  | LxWxH   | mm    | 1035×384×325            | 1035×384×325         |
| Package Dimension(outdoor) | LxWxH   | mm    | 881×363×645             | 881×363×645          |
| Sound Pressure Level       |         | dB(A) | 43/39/36/33/28/22/21/20 | 43/39/36/33/28/22/21 |
| Loading Quantity           | 40'GP   | sets  | 174                     | 174                  |
|                            | 40'HQ   | sets  | 200                     | 200                  |

Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.



[Wall-mounted Type]

## Amber

Features: ☐ Standard ☐ Optional



Dehumidifying



Timer



Energy-saving



Power-off Memory



Intelligent Defrosting



Low-voltage Startup



8°C Heating



Quiet Design



I Feel



Turbo Button



Cold Plasma



Soft Start



Dry Anti-mildew Technology



Intelligent Preheating



Self-diagnosis



LED Display



Lock



Wifi Control



7 Fan Speeds

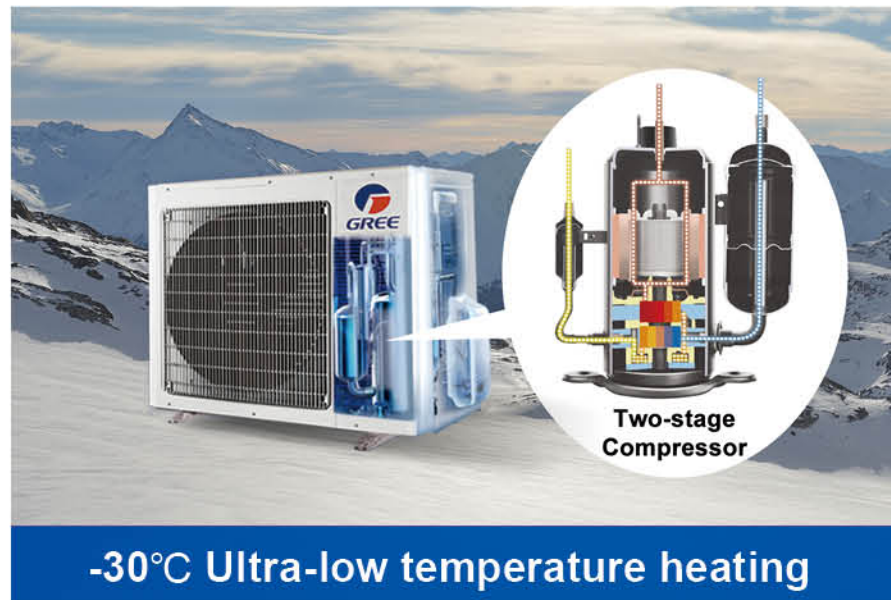


Healthy Filters



Door Control





**-30°C Ultra-low temperature heating**

Adopting two-stage compressor, under low temperature, the capacity of two-stage compressor can be improved by 20%.



**8°C ~30°C adjustable heating mode**

It can stabilize the indoor temperature and prevent freezing when there is no people in the room in winter.



· Fast cooling, high-efficiency and energy-saving; EU A+++ high cost performance product.



· Quiet design, noise is as low as 22dB.



| Model                      |         |       | GWH09YC-K6DNA1A      | GWH12YC-K6DNA1A      | GWH18YD-K6DNA1A      | GWH24YE-K6DNA1A      |
|----------------------------|---------|-------|----------------------|----------------------|----------------------|----------------------|
| Capacity                   | Cooling | Btu/h | 9200                 | 12000                | 18100                | 24000                |
|                            | Heating | Btu/h | 10000                | 13000                | 19000                | 24500                |
| EER/COP                    |         | W/W   | 4.62/4.51            | 3.68/3.91            | 3.42/3.9             | 3.5/3.9              |
| SEER/SCOP                  |         | W/W   | 8.5/4.6              | 8.5/4.4              | 7.6/4.1              | 7/4                  |
| Package Dimension(indoor)  | LxWxH   | mm    | 931×281×379          | 931×281×379          | 1060×380×322         | 1167×405×354         |
| Package Dimension(outdoor) | LxWxH   | mm    | 881×363×645          | 881×363×645          | 1029×458×750         | 1029×458×750         |
| Sound Pressure Level       |         | dB(A) | 41/39/37/35/33/31/24 | 43/39/37/35/34/32/25 | 49/45/43/41/39/37/34 | 49/47/44/42/40/38/36 |
| Loading Quantity           | 40'GP   | sets  | 198                  | 198                  | 125                  | 114                  |
|                            | 40'HQ   | sets  | 229                  | 229                  | 145                  | 130                  |



| Model                      |         |       | GWH09YD-S6DBA2A         | GWH12YD-S6DBA2A      | GWH18YE-S6DBA2A      | GWH24YE-S6DBA2A         |
|----------------------------|---------|-------|-------------------------|----------------------|----------------------|-------------------------|
| Capacity                   | Cooling | Btu/h | 9200                    | 12000                | 18100                | 24000                   |
|                            | Heating | Btu/h | 11950                   | 14300                | 19000                | 24000                   |
| EER/COP                    |         | W/W   | 4.91/4.7                | 4.2/4.42             | 4.02/4.22            | 3.8/4                   |
| SEER/SCOP                  |         | W/W   | 8.5/5.1                 | 8.5/5.1              | 6.6/4.4              | 6.5/4.1                 |
| Package Dimension(indoor)  | LxWxH   | mm    | 1060×380×322            | 1060×380×322         | 1167×405×354         | 1167×405×354            |
| Package Dimension(outdoor) | LxWxH   | m     | 948×420×645             | 948×420×645          | 1083×488×855         | 1083×855×488            |
| Sound Pressure Level       |         | dB(A) | 44/43/38/36/31/24/22/18 | 44/43/38/36/31/24/22 | 48/45/43/40/37/35/33 | 50/46/43/41/39/37/35/27 |
| Loading Quantity           | 40'GP   | sets  | 156                     | 156                  | 86                   | 86                      |
|                            | 40'HQ   | sets  | 180                     | 180                  | 107                  | 107                     |

Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.





[Wall-mounted Type]

## Fairy

Features: ☐ Standard ☐ Optional



Dehumidifying



Multi-sleep Curves



Timer



AUTO  
Auto Swing  
(up & down)



Energy-saving



Power-off  
Memory



Intelligent  
Defrosting



Low-voltage  
Startup



8°C Heating



Quiet Design



I Feel



Turbo Button



Cold Plasma



Soft Start



Intelligent  
Preheating



Dry Anti-mildew  
Technology



Self-diagnosis



LED Display



Lock



Wifi Control



7 Fan Speeds



Healthy Filters



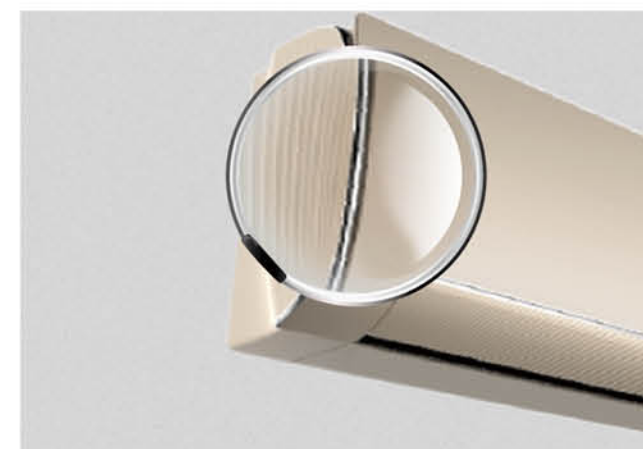
Door Control



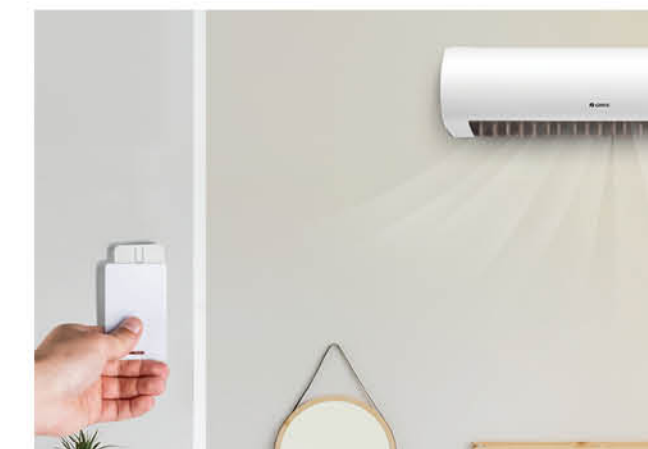
· Independent electric box cover for easy installation and maintenance.



· Very quiet, noise is as low as 26dB.



· Streamline design of side face.



### Door control

Door-card control switch to facilitate control of air conditioner when there is no remote controller.



| Model                      |         |       | GWH09ACC-K6DNA1A     | GWH12ACC-K6DNA1D     | GWH18ACD-K6DNA1D     | GWH24ACE-K6DNA1A     |
|----------------------------|---------|-------|----------------------|----------------------|----------------------|----------------------|
| Capacity                   | Cooling | Btu/h | 9200                 | 12000                | 17700                | 23900                |
|                            | Heating | Btu/h | 10200                | 12522                | 18100                | 25200                |
| EER/COP                    |         | W/W   | 3.35/3.85            | 3.23/3.71            | 3.4/3.76             | 3.68/3.9             |
| SEER/SCOP                  |         | W/W   | 6.8/4.1              | 7/4                  | 7/4                  | 6.5/4                |
| Package Dimension(indoor)  | LxWxH   | mm    | 940×365×284          | 940×365×284          | 1080×378×315         | 1193×410×350         |
| Package Dimension(outdoor) | LxWxH   | mm    | 823×358×595          | 881×363×645          | 1029×750×458         | 1029×458×750         |
| Sound Pressure Level       |         | dB(A) | 40/37/35/32/30/28/26 | 42/38/36/34/32/28/26 | 45/43/41/38/35/34/31 | 48/45/42/39/37/36/33 |
| Loading Quantity           | 40°GP   | sets  | 211                  | 191                  | 125                  | 111                  |
|                            | 40°HQ   | sets  | 252                  | 218                  | 142                  | 128                  |

Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.



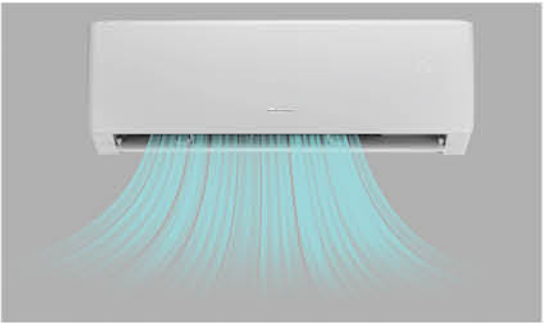


[Wall-mounted Type]

Pular

Features: ☐ Standard ☐ Optional

- Dehumidifying
- Compact Design
- Intelligent Preheating
- Soft Start
- Low-voltage Startup
- Comfortable Sleep Mode
- Self-diagnosis
- Intelligent Defrosting
- LED Display
- Timer
- Lock
- Turbo Button
- Wifi Control
- 7 Fan Speeds
- Door Control
- Healthy Filters



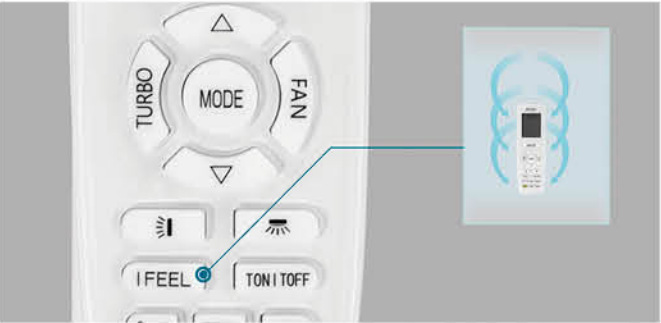
· Seamless motive double guiding louver control for more comfortable temperature.



· Removable and washable air outlets.



· Beeper has quiet function.



· The second generation of I Feel function for more intelligent identification.

| Model                      |         | GWH09AGA-K6DNA1A | GWH12AGB-K6DNA1A     | GWH18AGD-K6DNA1A     | GWH24AGD-K6DNA1A     | GWH09AGB-K6DNA1B     | GWH12AGC-K6DNA1A     |
|----------------------------|---------|------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Function                   |         | Cooling/Heating  | Cooling/Heating      | Cooling/Heating      | Cooling/Heating      | Cooling/Heating      | Cooling/Heating      |
| Capacity                   | Cooling | Btu/h            | 8530                 | 11000                | 15700                | 21000                | 9200                 |
|                            | Heating | Btu/h            | 9550                 | 11604                | 17742                | 22000                | 9550                 |
| EER/COP                    |         | W/W              | 3.47/3.73            | 3.23/3.71            | 3.39/3.88            | 3.87/4.03            | 3.43/3.9             |
| SEER/SCOP                  |         | W/W              | 6.5/4                | 7/4.3                | 6.6/4                | 7/4.3                | 6.6/4.2              |
| Package Dimension(indoor)  |         | LxWxH mm         | 753×332×258          | 828×332×258          | 1044×385×297         | 1044×385×297         | 828×332×258          |
| Package Dimension(outdoor) |         | LxWxH mm         | 792×393×615          | 792×393×615          | 881×363×645          | 963×411×700          | 792×393×615          |
| Sound Pressure Level       |         | dB(A)            | 38/36/34/32/28/25/21 | 41/37/35/33/30/26/24 | 42/38/35/33/31/29/28 | 46/42/40/38/36/32/25 | 40/37/35/33/29/26/21 |
| Loading Quantity           | 40'GP   | sets             | 222                  | 222                  | 178                  | 144                  | 222                  |
|                            | 40'HQ   | sets             | 264                  | 255                  | 210                  | 168                  | 255                  |

Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.





[Wall-mounted Type]

## Bora

Features: ☐ Standard ☐ Optional



Dehumidifying



Compact Design



Timer



AUTO  
Auto Swing  
(up & down)



Energy-saving



Power-off  
Memory



8°C Heating



I Feel



Turbo  
Button



Intelligent  
Defrosting



Cold Plasma



Soft Start



Low-voltage  
Startup



Intelligent  
Preheating



Dry Anti-mildew  
Technology



Self-diagnosis



LED Display



Lock



Wifi Control



Healthy Filters



· With multifunctional filter for fresher air supply.





· Fireproof electric box with higher safety performance.



· Low power and high energy efficiency, power can be as low as 315W.



· Enjoy quiet, enjoy life.



· Compact size for high container loading capacity.



| Model                      |         |       | GWH09AAB-K6DNA2A | GWH12AAB-K6DNA2A | GWH18AAD-K6DNA2A | GWH24AAD-K6DNA2A |
|----------------------------|---------|-------|------------------|------------------|------------------|------------------|
| Capacity                   | Cooling | Btu/h | 8500             | 11000            | 17500            | 21000            |
|                            | Heating | Btu/h | 9600             | 11600            | 18000            | 21800            |
| EER/COP                    |         | W/W   | 3.2/3.6          | 3.21/3.61        | 3.21/3.64        | 3.5/3.47         |
| SEER/SCOP                  |         | W/W   | 6.1/4            | 6.1/4            | 6.1/4            | 6.1/4            |
| Package Dimension(indoor)  | LxWxH   | mm    | 822×322×255      | 822×322×255      | 1020×369×295     | 1020×369×295     |
| Package Dimension(outdoor) | LxWxH   | mm    | 823×358×595      | 881×363×645      | 948×420×645      | 1029×458×750     |
| Sound Pressure Level       |         | dB(A) | 40/37/35/28      | 42/37/35/28      | 48/44/39/34      | 48/44/40/34      |
| Loading Quantity           | 40'GP   | sets  | 240              | 210              | 164              | 130              |
|                            | 40'HQ   | sets  | 284              | 246              | 187              | 148              |





[Floor Standing Type]

## T-Fresh

Features: ☐ Standard ☐ Optional



· *Separate cooling and heating air supply.*

## Side-drawing filter design for convenient cleaning\*

The filter adopts user-friendly side-drawing design, which is more convenient for cleaning.



\*Some models have this function.



· *Refrigerant-lacking protection.*



· *Concealed LED display, touch control is convenient.*



| Model                      |         |         | GVH24AM-K6DNC7A   | GVH48AL-K6DNC7A   | GVH48AL-M6DNC7A   |
|----------------------------|---------|---------|-------------------|-------------------|-------------------|
| Capacity                   | Cooling | Btu/h   | 24566             | 42650             | 42650             |
|                            | Heating | Btu/h   | 26955             | 46062             | 46062             |
| Power Supply               |         | Ph,V,Hz | 1Ph,220~240V,50Hz | 1Ph,220~240V,50Hz | 3Ph,380~415V,50Hz |
| EER/COP                    |         | W/W     | 3.51/3.39         | 2.98/3.21         | 3.63/4.09         |
| SEER/SCOP                  |         | W/W     | 6.1/4             | 5.6/3.7           | 6.1/4             |
| Package Dimension(indoor)  | LxWxH   | mm      | 1988×623×440      | 2153×738×545      | 2153×738×545      |
| Package Dimension(outdoor) | LxWxH   | mm      | 1029×458×750      | 1083×573×973      | 1083×573×973      |
| Sound Pressure Level       |         | dB(A)   | 45/41/38/35       | 53/51/50/48       | 57/55/53/51       |
| Loading Quantity           | 40'GP   | sets    | 66                | 36                | 36                |
|                            | 40'HQ   | sets    | 71                | 42                | 42                |

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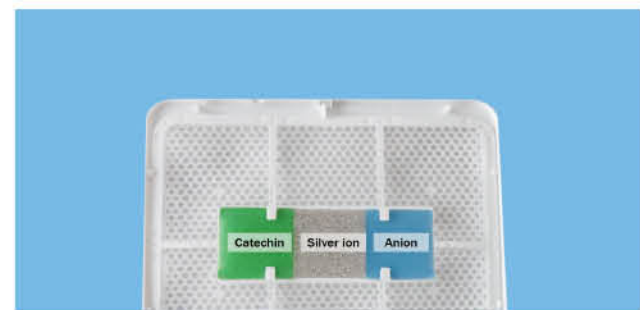




· High cost performance, high energy efficiency, high container loading capacity.



· Streamline design, suitable for different using environment.



· Healthy Filters Optional



· Brand new product with simple outline and less fittings.

₹290

| Model                |         |       | GPC07AP-K5NNA1B |
|----------------------|---------|-------|-----------------|
| Capacity             | Cooling | Btu/h | 7100            |
| EER/COP              |         | W/W   | 2.6/-           |
| Package Dimension    | LxWxH   | mm    | 386×358×876     |
| Sound Pressure Level |         | dB(A) | 52/49/47        |
| Loading Quantity     | 40'GP   | sets  | 396             |
|                      | 40'HQ   | sets  | 592             |

Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.

₹290

| Model                |         |       | GPC12AO-K5NNA1A | GPH12AO-K5NNA1A |
|----------------------|---------|-------|-----------------|-----------------|
| Capacity             | Cooling | Btu/h | 12000           | 12000           |
|                      | Heating | Btu/h | /               | 10600           |
| EER/COP              |         | W/W   | 2.6/-           | 2.6/2.6         |
| Package Dimension    | LxWxH   | mm    | 514×451×876     | 514×451×876     |
| Sound Pressure Level |         | dB(A) | 53/51/49        | 53/51/49        |
| Loading Quantity     | 40'GP   | sets  | 236             | 236             |
|                      | 40'HQ   | sets  | 352             | 352             |

Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.





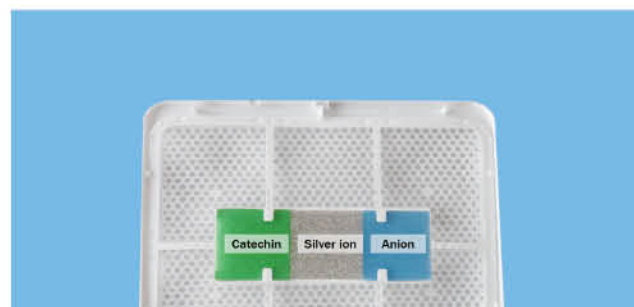
· High cost performance, high energy efficiency, high container loading capacity.



· Streamline design, suitable for different using environment.



· Brand new product with simple outline and less fittings.



· Healthy Filters Optional

**₹290**

| Model                |         |       | GPC07AQA-K5NNA1A |
|----------------------|---------|-------|------------------|
| Capacity             | Cooling | Btu/h | 7100             |
| EER/COP              |         | W/W   | 2.6/-            |
| Package Dimension    | LxWxH   | mm    | 386×358×876      |
| Sound Pressure Level |         | dB(A) | 52/49/47         |
| Loading Quantity     | 40"GP   | sets  | 396              |
|                      | 40"HQ   | sets  | 592              |

**₹290**









| Model                |         |       | GPC12AQC-K5NNA1A |
|----------------------|---------|-------|------------------|
| Capacity             | Cooling | Btu/h | 12000            |
| EER/COP              |         | W/W   | 2.6/-            |
| Package Dimension    | LxWxH   | mm    | 514×451×876      |
| Sound Pressure Level |         | dB(A) | 53/51/49         |
| Loading Quantity     | 40"GP   | sets  | 236              |
|                      | 40"HQ   | sets  | 352              |



[Portable Type]

Purity

Features: ☐ Standard ☐ Optional

-   
Dehumidifying
-   
Comfortable Sleep Mode
-   
Timer
-   
Power-off Memory
-   
Dry Anti-mildew Technology
-   
Self-diagnosis
-   
Healthy Filters
-   
Wifi Control



· Low operation noise under low speed, give an environment that promotes relaxation.



· High-efficiency heat exchanger, strong overload capacity.



dialogue, intelligent operation.\*  
\*Some models have this function.



·Smooth surface with less screws, petal-shape curve outline.



·Middle drain function for dehumidification use.

₹290

| Model                |         |       | GPC07AM-K5NNA2A | GPC09AM-K5NNA2C |
|----------------------|---------|-------|-----------------|-----------------|
| Capacity             | Cooling | Btu/h | 7100            | 8900            |
| EER/COP              |         | W/W   | 2.6/-           | 2.6/-           |
| Package Dimension    | LxWxH   | mm    | 493×365×879     | 493×365×879     |
| Sound Pressure Level |         | dB(A) | 52/50/48        | 53/51/49        |
| Loading Quantity     | 40'GP   | sets  | 304             | 304             |
|                      | 40'HQ   | sets  | 455             | 455             |

Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.

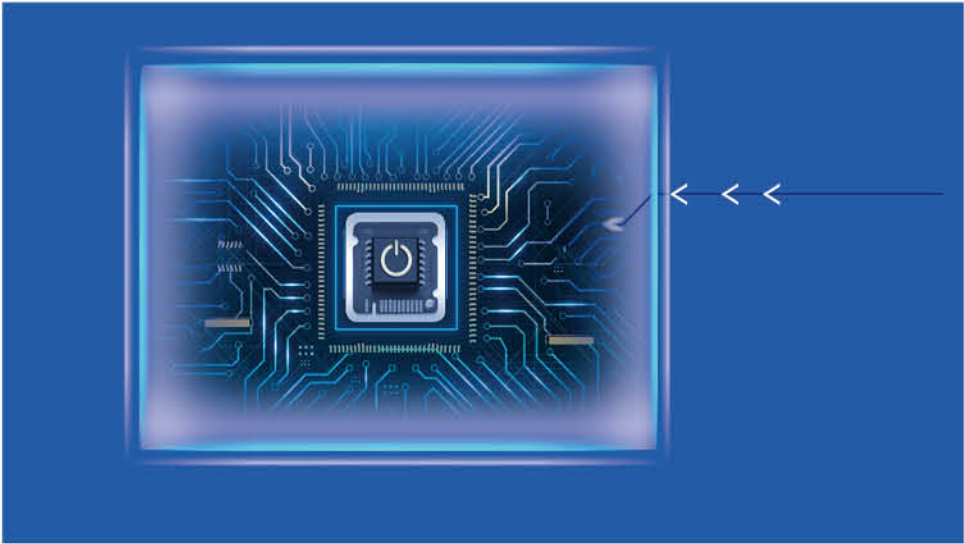


[Window Type]

Coolani

-   
Dehumidifying
-   
Comfortable Sleep Mode
-   
Timer
-   
Auto Swing (left & right)
-   
Filter Cleaning Prompt
-   
Power-off Memory
-   
Soft Start
-   
Low-voltage Startup
-   
Self-diagnosis
-   
LED Display

Features: ☐ Standard ☐ Optional



· *Soft startup*  
*Off-peak power supply to mitigate pressure on public power grid.*



· *R32 refrigerant*  
*It adopts R32 eco-friendly refrigerant that will not damage the ozone layer and is with higher heat exchange efficiency.*

R32

| Model                |         |       | GJC09AF-E6RNB3A | GJC12AG-E6RNB3A |
|----------------------|---------|-------|-----------------|-----------------|
| Capacity             | Cooling | Btu/h | 9212            | 12454           |
| EER/COP              |         | W/W   | 3.45/-          | 3.54/-          |
| Package Dimension    | LxWxH   | mm    | 806×623×425     | 793×739×505     |
| Sound Pressure Level |         | dB(A) | 50/48/46        | 50/48/46        |
| Loading Quantity     | 40'GP   | sets  | 260             | 184             |
|                      | 40'HQ   | sets  | 312             | 230             |

Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.



[Recreational Vehicle AC]

# Shark



Dehumidifying



Comfortable Sleep Mode



Timer



Power-off Memory



Filter Cleaning Prompt



Intelligent Preheating



Self-diagnosis

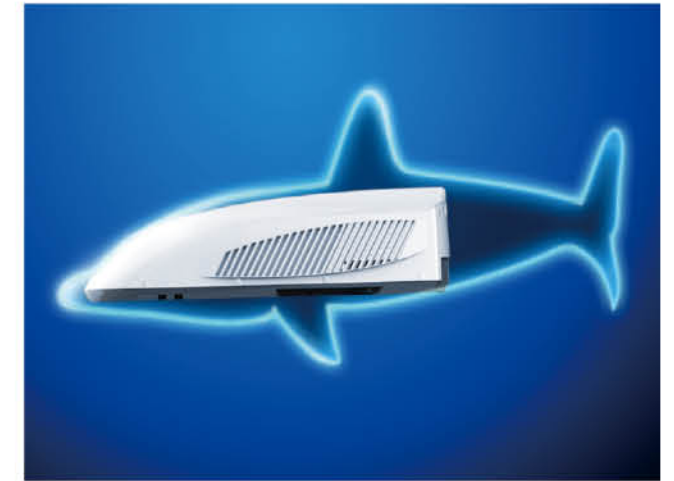


LED Display

Features: ☐ Standard ☐ Optional



· High cost performance, high energy efficiency, low noise.

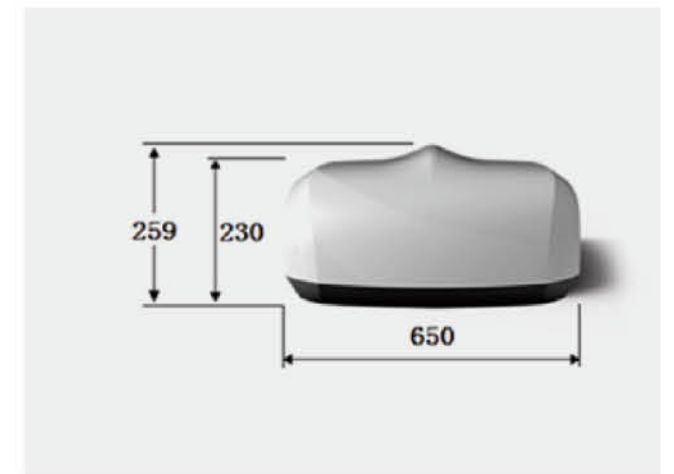


· Unique appearance with imitation shark outline.



High cost performance, high energy efficiency, low noise.

· Touch screen operation.



· Light and thin indoor unit (less than 50mm), occupying less space.

Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.





[Dehumidifier]

Aovia

Features: ☐ Standard ☒ Optional

External Drain Connector

Water Overflow Protection

Power-off Memory

Quiet Design

Timer

Humidity Display

Self-diagnosis

LED Display

Healthy Filters

Wifi Control

UV sterilization



- Decent and simple appearance.
- Quiet operation and good user experience (noise of small casing model is as low as 39dB).
- High-efficiency dehumidification, fast clothes drying.

Several healthy filters for selection

R290

| Model                                      |           | GDN10BF-K5EBA1A   | GDN12BF-K5EBA1A   | GDN16BF-K5EBA1A   | GDN20BE-K5EBA1A   | GDN24BE-K5EBA1A   |
|--|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Rated Dehumidification Capacity(27°C/21°C) | L/D       | 5.76              | 6.72              | 8.9               | 12                | 12.2              |
| Dehumidification Capacity(30°C/27.1°C)     | L/D       | 10                | 12                | 16                | 20                | 24                |
| Power Supply                               | Ph,V,Hz   | 1Ph,220~240V,50Hz | 1Ph,220~240V,50Hz | 1Ph,220~240V,50Hz | 1Ph,220~240V,50Hz | 1Ph,220~240V,50Hz |
| Power Input                                | W         | 210               | 210               | 330               | 350               | 355               |
| Rated Current                              | A         | 1.5               | 1.5               | 3.5               | 3                 | 3                 |
| Airflow Volume                             | m³/h      | 95/75             | 95/75             | 120/110           | 170/145           | 220/155           |
| Sound Pressure Level                       | dB(A)     | 39/36             | 39/36             | 44/41             | 39/37             | 44/42             |
| Bucket Capacity                            | L         | 1.5/1.8           | 1.5/1.8           | 1.5/1.8           | 2.6/3.0           | 2.6/3.0           |
| Outline Dimension                          | WxHxD     | mm 352×398×206    | 352×398×206       | 352×398×206       | 352×482×240       | 352×482×240       |
| Package Dimension                          | L×W×H     | mm 392×251×437    | 392×251×437       | 392×251×437       | 392×286×525       | 392×286×525       |
| Net Weight /Gross Weight                   | Indoor Kg | 12/13             | 12/13             | 13/14             | 15.5/17           | 16/17             |
| Loading Quantity                           | 40'GP     | sets 1390         | 1390              | 1390              | 976               | 976               |
|  | 40'HQ     | sets 1666         | 1666              | 1666              | 1218              | 1218              |

Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.



[Dehumidifier]

Aolis

Features: ☐ Standard ☐ Optional

External Drain Connector

Water Overflow Protection

Power-off Memory

Quiet Design

Timer

Humidity Display

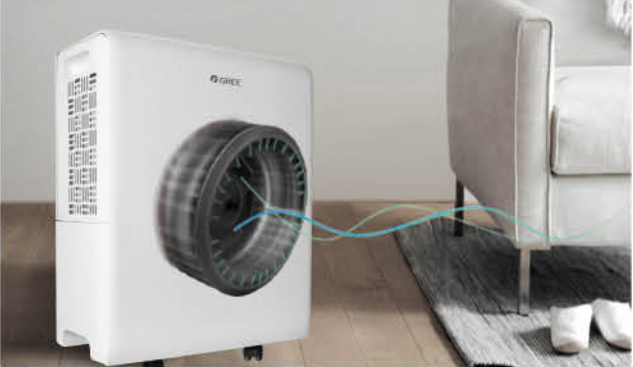
Self-diagnosis

LED Display

Healthy Filters

Wifi Control

UV sterilization



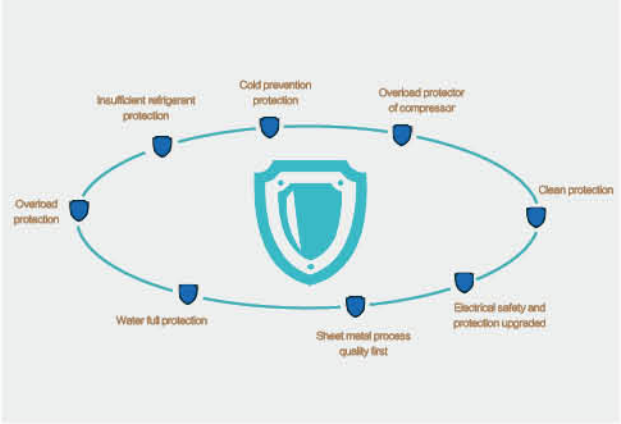
· 36dB ultra-low noise, enjoying sound sleep.



· Humanized detail design.



· UV Sterilization, more healthy.



· Multiple protection for high safety.

R290








| Model                                      |         | GDN10BGA-K5EBA1A  | GDN12BGA-K5EBA1A  | GDN16BGA-K5EBA1A  | GDN20BGB-K5EBA1A  | GDN24BGB-K5EBA1A  |
|--|---------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Rated Dehumidification Capacity(27°C/21°C) | L/D     | 5.8               | 6.7               | 8.9               | 12                | 12.24             |
| Dehumidification Capacity(30°C/27.1°C)     | L/D     | 10                | 12                | 16                | 20                | 24                |
| Power Supply                               | Ph,V,Hz | 1Ph,220~240V,50Hz | 1Ph,220~240V,50Hz | 1Ph,220~240V,50Hz | 1Ph,220~240V,50Hz | 1Ph,220~240V,50Hz |
| Power Input                                | W       | 210               | 210               | 330               | 350               | 355               |
| Rated Current                              | A       | 1.5               | 1.5               | 3.5               | 3                 | 3                 |
| Airflow Volume                             | m³/h    | 95/75             | 95/75             | 120/110           | 170/145           | 220/155           |
| Sound Pressure Level                       | dB(A)   | 39/36             | 39/36             | 44/41             | 39/37             | 44/42             |
| Bucket Capacity                            | L       | 1.5/1.8           | 1.5/1.8           | 1.5/1.8           | 2.6/3.0           | 2.6/3.0           |
| Outline Dimension                          | WxHxD   | mm                | 350×400×206       | 350×400×206       | 360×482×244       | 360×482×244       |
| Package Dimension                          | L×W×H   | mm                | 392×251×437       | 392×251×437       | 402×290×525       | 402×290×525       |
| Net Weight /Gross Weight                   | Indoor  | Kg                | 12.5/13.5         | 12.5/13.5         | 13/14             | 15.5/17           |
| Loading Quantity                           | 40'GP   | sets              | 1390              | 1390              | 1390              | 940               |
|  | 40'HQ   | sets              | 1666              | 1666              | 1666              | 1173              |



[Dehumidifier]

Fancy

Features: ☐ Standard ☒ Optional

-   
External Drain Connector
-   
Water Overflow Protection
-   
Power-off Memory
-   
Quiet Design
-   
Timer
-   
Humidity Display
-   
Self-diagnosis
-   
LED Display
-   
Healthy Filters



· Real-time display of humidity, precise humidity control.



Automatic supervision of water level, with water-full protection.



Self-diagnosis function, which can conduct power-off protection.

₹290

| Model                                      |        |         | GDN12AJ-K5EBC1A   | GDN16AJ-K5EBC1A   |
|--|--------|---------|-------------------|-------------------|
| Rated Dehumidification Capacity(27°C/21°C) |        | L/D     | 5.52              | 9.6               |
| Dehumidification Capacity(30°C/27.1°C)     |        | L/D     | 12                | 16                |
| Power Supply                               |        | Ph,V,Hz | 1Ph,220~240V,50Hz | 1Ph,220~240V,50Hz |
| Power Input                                |        | W       | 220               | 320               |
| Rated Current                              |        | A       | 1.4               | 2.1               |
| Airflow Volume                             |        | m³/h    | 115/100           | 115/100           |
| Sound Pressure Level                       |        | dB(A)   | 44/42             | 45/53             |
| Bucket Capacity                            |        | L       | 3/3.5             | 3/3.5             |
| Outline Dimension                          | W×H×D  | mm      | 353×496×225       | 353×496×225       |
| Package Dimension                          | L×W×H  | mm      | 396×274×525       | 396×274×525       |
| Net Weight /Gross Weight                   | Indoor | Kg      | 11.5/12.5         | 12/13             |
| Loading Quantity                           |        |         |                   |                   |
|  |        | 40"GP   | sets              | 1000              |
|  |        | 40"HQ   | sets              | 1250              |





[Dehumidifier]

## Granto

Features: Standard Optional



External Drain Connector



Water Overflow Protection



Power-off Memory



Quiet Design



Timer



Humidity Display



Self-diagnosis



LED Display



Healthy Filters



*Innovative centrifugal blade for quiet dehumidification.*



- Simple and mellow outline, matte texture, well-bedded.
- Concealed screw hole design for more integrated outline.

₹290

| Model                                      |  |  | GDN10BC-K5EBA1B | GDN12BC-K5EBA1B   | GDN16BC-K5EBA1B   |
|--|--|--|-----------------|-------------------|-------------------|
| Rated Dehumidification Capacity(27°C/21°C) |  |  | L/D             | 5.8               | 6.7               |
| Dehumidification Capacity(30°C/27.1°C)     |  |  | L/D             | 10                | 12                |
| Power Supply                               |  |  | Ph,V,Hz         | 1Ph,220~240V,50Hz | 1Ph,220~240V,50Hz |
| Power Input                                |  |  | W               | 210               | 210               |
| Rated Current                              |  |  | A               | 1.5               | 1.5               |
| Airflow Volume                             |  |  | m³/h            | 95/75             | 95/75             |
| Sound Pressure Level                       |  |  | dB(A)           | 39/35             | 39/35             |
| Bucket Capacity                            |  |  | L               | 1.4/1.7           | 1.4/1.7           |
| Outline Dimension                          |  |  | WxHxD           | mm                | 350×400×206       |
| Package Dimension                          |  |  | L×W×H           | mm                | 392×251×437       |
| Net Weight /Gross Weight                   |  |  | Indoor          | Kg                | 12/13             |
| Loading Quantity                           |  |  | 40'GP           | sets              | 1390              |
|  |  |  | 40'HQ           | sets              | 1666              |

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[Dehumidifier]

# Petal



Water Level Display



External Drain Connector



Water Overflow Protection



Power-off Memory



Quiet Design



Humidity Display



Self-diagnosis



LED Display



Quiet design

## 5 protection measures



High loading protection



Overload protection



Anti-freezing protection



Refrigerant leakage protection



Temperature sensor error protection



· Petal outline, fresh and graceful.



· Intelligent humidity control for precise dehumidification.

₹290

| Model                                      |        |         | GDN10AY-K5EBA1A   | GDN12AY-K5EBA1A   |
|--|--------|---------|-------------------|-------------------|
| Rated Dehumidification Capacity(27°C/21°C) |        | L/D     | 5.8               | 6.7               |
| Dehumidification Capacity(30°C/27.1°C)     |        | L/D     | 10                | 12                |
| Power Supply                               |        | Ph,V,Hz | 1Ph,220~240V,50Hz | 1Ph,220~240V,50Hz |
| Power Input                                |        | W       | 210               | 210               |
| Rated Current                              |        | A       | 1.5               | 1.5               |
| Airflow Volume                             |        | m³/h    | 90                | 90                |
| Sound Pressure Level                       |        | dB(A)   | 41                | 41                |
| Bucket Capacity                            |        | L       | 1.5/1.8           | 1.5/1.8           |
| Outline Dimension                          | WxHxD  | mm      | 310×400×243       | 310×400×243       |
| Package Dimension                          | L×W×H  | mm      | 345×286×437       | 345×286×437       |
| Net Weight /Gross Weight                   | Indoor | Kg      | 11.5/12.5         | 12/13             |
|  |        |         |                   |                   |
| Loading Quantity                           | 40'GP  | sets    | 1375              | 1375              |
|  | 40'HQ  | sets    | 1649              | 1649              |

Gree reserves the right to modify the specifications without prior notice, please confirm the final specifications with sales representatives.





[Light Commercial]

## Console

Features: ☐ Standard ☐ Optional



## Floor heating function



· Cold air protection: in heating mode, it will pre-discharge cold air and then supply hot air.



· Intelligent Wifi control.



| Model                      |         |       | GEH09AA-K6DNA1F      | GEH12AA-K6DNA1A      | GEH18AA-K6DNA1F      |
|----------------------------|---------|-------|----------------------|----------------------|----------------------|
| Capacity                   | Cooling | Btu/h | 9200                 | 12000                | 17700                |
|                            | Heating | Btu/h | 9900                 | 13000                | 18200                |
| EER/COP                    |         | W/W   | 3.75/3.97            | 3.52/3.96            | 3.4/3.55             |
| SEER/SCOP                  |         | W/W   | 7.2/4                | 7/4.1                | 6.6/4                |
| Package Dimension(indoor)  | LxWxH   | mm    | 788×283×697          | 788×283×697          | 788×283×697          |
| Package Dimension(outdoor) | LxWxH   | mm    | 823×358×595          | 881×363×645          | 1029×458×750         |
| Sound Pressure Level       |         | dB(A) | 39/36/33/31/29/26/23 | 44/40/38/36/33/29/25 | 47/45/43/41/38/37/32 |
| Loading Quantity           | 40'GP   | sets  | 180                  | 148                  | 121                  |
|                            | 40'HQ   | sets  | 201                  | 186                  | 133                  |

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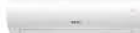












# Free-match

Features: ☐ Standard ☐ Optional

- Dehumidifying
 Comfortable Sleep Mode
 Timer
 Intelligent Preheating
 Dry Anti-mildew Technology
 Power-off Memory
 Self-diagnosis
- Low-voltage Startup
 Compact Design
 Comprehensive Protection
 Easier Maintainability
 Turbo Function
 High Efficiency


| Capacity Index(Btu/h)  |   | 9000 | 12000 | 18000 | 21000 | 24000 |
|--|---|------|-------|-------|-------|-------|
| Wall mounted Type  | Amber   | ●    | ●     | ●     |       | ●     |
|  | Fairy  | ●    | ●     | ●     |       | ●     |
|  | Bora   | ●    | ●     | ●     |       | ●     |
| Duct type           |   | ●    | ●     | ●     | ●     | ●     |
| Cassette type       |   |      | ●     | ●     |       | ●     |
| Floor ceiling type  |   | ●    | ●     | ●     |       | ●     |
| Console             |   | ●    | ●     | ●     |       |       |

## Control system lineup

| Product series         |   |  | Duct type | Cassette type | Floor ceiling type | Console type |
|------------------------|---|--|-----------|---------------|--------------------|--------------|
| Control system         |   |  |           |               |                    |              |
| Wired controller       | XK76         |  | ●         | ●             | ●                  | ●            |
|                        | XK19       |  | ●         | ●             | ●                  |              |
| Centralized controller | CE50-24/E  |  | ●         | ●             | ●                  | ●            |


| Item    | Normal operating condition(temperature) |        |                  |        | Operation range(temperature) | Operating condition(temperature) |
|---------|---|--------|------------------|--------|------------------------------|----------------------------------|
|         | Outdoor condition                       |        | Indoor condition |        | Outdoor condition            | Outdoor condition(LC)(LH)        |
|         | DB(°C)                                  | WB(°C) | DB(°C)           | WB(°C) | DB(°C)                       | DB(°C)                           |
| Cooling | 35                                      | 24     | 27               | 19     | 18~43                        | -15~43                           |
| Heating | 7                                       | 6      | 20               | 15     | -15~24                       | -22~24                           |


| <br>GWHD(14)NK6NO | Two indoor units |       |
|--|------------------|-------|
|  | 07+07            | 09+09 |
|  | 07+09            | 09+12 |
|  | 07+12            | /     |


| <br>GWHD(18)NK6NO | Two indoor units |       |
|--|------------------|-------|
|  | 07+07            | 09+09 |
|  | 07+09            | 09+12 |
|  | 07+12            | 12+12 |
|  | 07+18            | /     |




| <br>GWHD(21)NK6LO<br>GWHD(21)NK6LO(LC)(LH) | Two indoor units |       | Three indoor units |          |       |
|---|------------------|-------|--------------------|----------|-------|
|   | 07+07            | 09+09 | 07+07+07           | 09+09+09 | /     |
|   | 07+09            | 09+12 | 07+07+09           | 09+09+12 | /     |
|   | 07+12            | 09+18 | 07+07+12           | 09+12+12 | /     |
|   | 07+18            | 12+12 | 07+09+09           | /        | 07+07 |
|   | /                | 12+18 | 07+09+12           | /        | 07+09 |
|   | /                | /     | 07+12+12           | /        | 07+12 |

| <br>GWHD(24)NK6LO<br>GWHD(24)NK6LO(LC)(LH) | Two indoor units |       | Three indoor units |          |
|---|------------------|-------|--------------------|----------|
|   | 07+07            | 09+09 | 07+07+07           | 09+09+09 |
|   | 07+09            | 09+12 | 07+07+09           | 09+09+12 |
|   | 07+12            | 09+18 | 07+07+12           | 09+09+18 |
|   | 07+18            | 12+12 | 07+07+18           | 09+12+12 |
|   | /                | 12+18 | 07+09+09           | 12+12+12 |
|   | /                | 18+18 | 07+09+12           | /        |
|   | /                | /     | 07+09+18           | /        |
|   | /                | /     | 07+12+12           | /        |

| <br>GWHD(28)NK6LO<br>GWHD(28)NK6LO(LC)(LH) | Two indoor units |          | Three indoor units |             | Four indoor units |
|---|------------------|----------|--------------------|-------------|-------------------|
|   | 07+07            | 07+07+07 | 09+09+09           | 07+07+07+07 | 07+09+09+09       |
|   | 07+09            | 07+07+09 | 09+09+12           | 07+07+07+09 | 07+09+09+12       |
|   | 07+12            | 07+07+12 | 09+09+18           | 07+07+07+12 | 07+09+12+12       |
|   | 07+18            | 07+07+18 | 09+12+12           | 07+07+07+18 | 09+09+09+09       |
|   | 09+09            | 07+09+09 | 09+12+18           | 07+07+09+09 | 09+09+09+12       |
|   | 09+12            | 07+09+12 | 12+12+12           | 07+07+09+12 | 09+09+12+12       |
|   | 09+18            | 07+09+18 | /                  | 07+07+09+18 | /                 |
|   | 12+12            | /        | /                  | 07+07+12+12 | /                 |
|   | 12+18            | /        | /                  | /           | /                 |
|   | 18+18            | /        | /                  | /           | /                 |

| <br>GWHD(36)NK6LO<br>GWHD(36)NK6LO(LC)(LH) | Two indoor units |       | Three indoor units |          | Four indoor units |             |             |
|---|------------------|-------|--------------------|----------|-------------------|-------------|-------------|
|   | 07+12            | 12+12 | 07+07+07           | 09+09+09 | 07+07+07+07       | 07+09+09+09 | 09+09+09+09 |
|   | 07+18            | 12+18 | 07+07+09           | 09+09+12 | 07+07+07+09       | 07+09+09+12 | 09+09+09+12 |
|   | 07+24            | 12+24 | 07+07+12           | 09+09+18 | 07+07+07+12       | 07+09+09+18 | 09+09+09+18 |
|   | 09+09            | 18+18 | 07+07+18           | 09+09+24 | 07+07+07+18       | 07+09+09+24 | 09+09+09+24 |
|   | 09+12            | 18+24 | 07+07+24           | 09+12+12 | 07+07+07+24       | 07+09+12+12 | 09+09+12+12 |
|   | 09+18            | 24+24 | 07+09+09           | 09+12+18 | 07+07+09+09       | 07+09+12+18 | 09+09+12+18 |
|   | /                | /     | 07+09+12           | 09+12+24 | 07+07+09+12       | 07+09+12+24 | 09+09+12+24 |
|   | /                | /     | 07+09+18           | 09+18+18 | 07+07+09+18       | 07+09+18+18 | 09+09+18+18 |
|   | /                | /     | 07+09+24           | 09+18+24 | 07+07+09+24       | 07+12+12+12 | 09+12+12+12 |
|   | /                | /     | 07+12+12           | 12+12+12 | 07+07+12+12       | 07+12+12+18 | 09+12+12+18 |
|   | /                | /     | 07+12+18           | 12+12+18 | 07+07+12+18       | /           | 12+12+12+12 |
|   | /                | /     | 07+12+24           | 12+12+24 | 07+07+12+24       | /           | 12+12+12+18 |
|   | /                | /     | 07+18+18           | 12+18+18 | 07+07+18+18       | /           | /           |
|   | /                | /     | 07+18+24           | 18+18+24 | /                 | /           | /           |

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| <br>GWHD(42)NK6LO<br>GWHD(42)NK6LO(LC)(LH) | Two indoor units | Three indoor units |          | Four indoor units |             | Five indoor units | ive indoor units |
|---|------------------|--------------------|----------|-------------------|-------------|-------------------|------------------|
|   | 07+18            | 07+07+07           | 09+09+09 | 07+07+07+07       | 09+09+09+09 | 07+07+07+07+07    | 07+09+09+09+09   |
|   | 07+24            | 07+07+09           | 09+09+12 | 07+07+07+09       | 09+09+09+12 | 07+07+07+07+09    | 07+09+09+09+12   |
|   | 09+12            | 07+07+12           | 09+09+18 | 07+07+07+12       | 09+09+09+18 | 07+07+07+07+12    | 07+09+09+09+18   |
|   | 09+18            | 07+07+18           | 09+09+24 | 07+07+07+18       | 09+09+09+24 | 07+07+07+07+18    | 07+09+09+12+12   |
|   | 09+24            | 07+07+24           | 09+12+12 | 07+07+07+24       | 09+09+09+12 | 07+07+07+07+24    | 07+09+09+18+18   |
|   | 12+18            | 07+09+09           | 09+12+18 | 07+07+09+09       | 09+09+09+18 | 07+07+07+09+09    | 07+09+12+12+12   |
|   | 12+24            | 07+09+12           | 09+12+24 | 07+07+09+12       | 09+09+09+24 | 07+07+07+09+12    | 07+09+12+12+18   |
|   | 18+18            | 07+09+18           | 09+18+18 | 07+07+09+18       | 09+09+12+12 | 07+07+07+09+18    | 07+12+12+12+12   |
|   | 18+24            | 07+09+24           | 09+18+24 | 07+07+09+24       | 09+09+12+18 | 07+07+07+09+24    | 07+12+12+12+18   |
|   | 24+24            | 07+12+12           | 09+24+24 | 07+07+12+12       | 09+09+12+24 | 07+07+07+12+12    | 09+09+09+09+09   |
|   | /                | 07+12+18           | 12+12+12 | 07+07+12+18       | 09+09+18+18 | 07+07+07+12+18    | 09+09+09+09+12   |
|   | /                | 07+12+24           | 12+12+18 | 07+07+12+24       | 09+09+18+24 | 07+07+07+12+24    | 09+09+09+09+18   |
|   | /                | 07+18+18           | 12+12+24 | 07+07+18+18       | 09+12+12+12 | 07+07+07+18+18    | 09+09+09+09+24   |
|   | /                | 07+18+24           | 12+18+18 | 07+07+18+24       | 09+12+12+18 | 07+07+07+18+24    | 09+09+09+12+12   |
|   | /                | 07+24+24           | 12+18+24 | 07+07+24+24       | 09+12+12+24 | 07+07+09+09+09    | 09+09+09+12+18   |
|   | /                | /                  | 12+24+24 | 07+09+09+09       | 09+18+18+18 | 07+07+09+09+12    | 09+09+09+18+18   |
|   | /                | /                  | 18+18+18 | 07+09+09+12       | 12+12+12+12 | 07+07+09+09+18    | 09+09+12+12+12   |
|   | /                | /                  | 18+18+24 | 07+09+09+18       | 12+12+12+18 | 07+07+09+09+24    | 09+09+12+12+18   |
|   | /                | /                  | /        | 07+09+09+24       | 12+12+12+24 | 07+07+09+12+12    | 09+12+12+12+12   |
|   | /                | /                  | /        | 07+09+12+12       | 12+12+18+18 | 07+07+09+12+18    | 09+12+12+12+18   |
|   | /                | /                  | /        | 07+09+12+18       | /           | 07+07+09+12+24    | 12+12+12+12+12   |
|   | /                | /                  | /        | 07+09+12+24       | /           | 07+07+09+18+18    | /                |
|   | /                | /                  | /        | 07+09+18+18       | /           | 07+07+12+12+12    | /                |
|   | /                | /                  | /        | 07+09+18+24       | /           | 07+07+12+12+18    | /                |
|   | /                | /                  | /        | 07+12+12+12       | /           | 07+07+12+12+24    | /                |
|   | /                | /                  | /        | 07+12+12+18       | /           | 07+07+12+18+18    | /                |
|   | /                | /                  | /        | 07+12+12+24       | /           | /                 | /                |
|   | /                | /                  | /        | 07+12+18+18       | /           | /                 | /                |
|   | /                | /                  | /        | 07+12+18+24       | /           | /                 | /                |
|   | /                | /                  | /        | 07+18+18+18       | /           | /                 | /                |

## Outdoor Unit

| Model                      |         |       | GWHD(14)NK6NO  |  | GWHD(18)NK6NO  |  | GWHD(21)NK6LO |  | GWHD(24)NK6LO |  |
|----------------------------|---------|-------|----------------|--|----------------|--|---------------|--|---------------|--|
| Capacity                   | Cooling | Btu/h | 14000          |  | 17700          |  | 20800         |  | 24200         |  |
|                            | Heating | Btu/h | 15000          |  | 18400          |  | 22100         |  | 29000         |  |
| EER/COP                    |         | W/W   | 3.72/4.53      |  | 3.69/4.39      |  | 3.51/4.06     |  | 3.64/3.86     |  |
| SEER                       |         | W/W   | 6.1            |  | 6.1            |  | 6.1           |  | 6.1           |  |
| Package Dimension(outdoor) | LxWxH   | mm    | 948×420×645    |  | 948×420×645    |  | 1029×458×750  |  | 1083×488×855  |  |
| Sound Pressure Level       |         | dB(A) | 52 (C) /55 (H) |  | 52 (C) /55 (H) |  | 58<C>/58<H>   |  | 58<C>/58<H>   |  |
| Loading Quantity           | 40'GP   | sets  | 204            |  | 204            |  | 171           |  | 96            |  |
|                            | 40'HQ   | sets  | 272            |  | 272            |  | 171           |  | 144           |  |

| Model                      |         |       | GWHD(28)NK6LO |  | GWHD(36)NK6LO |  | GWHD(42)NK6LO |  |
|----------------------------|---------|-------|---------------|--|---------------|--|---------------|--|
| Capacity                   | Cooling | Btu/h | 27300         |  | 35800         |  | 10900         |  |
|                            | Heating | Btu/h | 32400         |  | 40900         |  | 44400         |  |
| EER/COP                    |         | W/W   | 3.48/3.58     |  | 3.39/3.75     |  | 3.48/3.71     |  |
| SEER                       |         | W/W   | 6.1           |  | 6.1           |  | 6.1           |  |
| Package Dimension(outdoor) | LxWxH   | mm    | 1083×488×855  |  | 1158×493×1235 |  | 1158×493×1235 |  |
| Sound Pressure Level       |         | dB(A) | 58<C>/58<H>   |  | 60<C>/60<H>   |  | 60<C>/60<H>   |  |
| Loading Quantity           | 40'GP   | sets  | 96            |  | 48            |  | 48            |  |
|                            | 40'HQ   | sets  | 144           |  | 96            |  | 96            |  |

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Amber

| Model                      |         |       | GWH09YC-K6DNA1A/I    | GWH12YC-K6DNA1A/I    | GWH18YD-K6DNA1A/I    | GWH24YE-K6DNA1A/I    |
|----------------------------|---------|-------|----------------------|----------------------|----------------------|----------------------|
| Capacity                   | Cooling | Btu/h | 9200                 | 12000                | 18100                | 24000                |
|                            | Heating | Btu/h | 10000                | 13000                | 19000                | 24500                |
| EER/COP                    |         | W/W   | 4.62/4.51            | 3.68/3.91            | 3.42/3.9             | 3.5/3.9              |
| SEER/SCOP                  |         | W/W   | 8.5/4.6              | 8.5/4.4              | 7.6/4.1              | 7/4                  |
| Package Dimension(indoor)  | LxWxH   | mm    | 931×281×379          | 931×281×379          | 1060×380×322         | 1167×405×354         |
| Package Dimension(outdoor) | LxWxH   | mm    | 881×363×645          | 881×363×645          | 1029×458×750         | 1029×458×750         |
| Sound Pressure Level       |         | dB(A) | 41/39/37/35/33/31/24 | 43/39/37/35/34/32/25 | 49/45/43/41/39/37/34 | 49/47/44/42/40/38/36 |
| Loading Quantity           | 40°GP   | sets  | 600                  | 600                  | 125                  | 114                  |
|                            | 40°HQ   | sets  | 700                  | 700                  | 145                  | 130                  |

| Model                      |         |       | GWH09YD-S6DBA2A/I       | GWH12YD-S6DBA2A/I    | GWH18YE-S6DBA2A/I    | GWH24YE-S6DBA2A/I       |
|----------------------------|---------|-------|-------------------------|----------------------|----------------------|-------------------------|
| Capacity                   | Cooling | Btu/h | 9200                    | 12000                | 18100                | 24000                   |
|                            | Heating | Btu/h | 12000                   | 14300                | 19000                | 24000                   |
| EER/COP                    |         | W/W   | 4.91/4.7                | 4.2/4.42             | 4.02/4.22            | 3.8/4                   |
| SEER/SCOP                  |         | W/W   | 8.5/5.1                 | 8.5/5.1              | 6.6/4.4              | 6.5/4.1                 |
| Package Dimension(indoor)  | LxWxH   | mm    | 1060×380×322            | 1060×380×322         | 1167×405×354         | 1167×405×354            |
| Package Dimension(outdoor) | LxWxH   | m     | 948×420×645             | 948×420×645          | 1083×488×855         | 1083×855×488            |
| Sound Pressure Level       |         | dB(A) | 44/43/38/36/31/24/22/18 | 44/43/38/36/31/24/22 | 48/45/43/40/37/35/33 | 50/46/43/41/39/37/35/27 |
| Loading Quantity           | 40°GP   | sets  | 156                     | 156                  | 86                   | 86                      |
|                            | 40°HQ   | sets  | 180                     | 180                  | 107                  | 107                     |



Fairy

| Model                      |         |       | GWH09ACC-K6DNA1A/I   | GWH12ACC-K6DNA1D/I   | GWH18ACD-K6DNA1D/I   | GWH24ACE-K6DNA1A/I   |
|----------------------------|---------|-------|----------------------|----------------------|----------------------|----------------------|
| Capacity                   | Cooling | Btu/h | 9200                 | 12000                | 17700                | 23900                |
|                            | Heating | Btu/h | 10200                | 12522                | 18100                | 25200                |
| EER/COP                    |         | W/W   | 3.35/3.85            | 3.23/3.71            | 3.4/3.76             | 3.68/3.9             |
| SEER/SCOP                  |         | W/W   | 6.8/4.1              | 7/4                  | 7/4                  | 6.5/4                |
| Package Dimension(indoor)  | LxWxH   | mm    | 940×365×284          | 940×365×284          | 1080×378×315         | 1193×410×350         |
| Package Dimension(outdoor) | LxWxH   | mm    | 823×358×595          | 881×363×645          | 1029×750×458         | 1029×458×750         |
| Sound Pressure Level       |         | dB(A) | 40/37/35/32/30/28/26 | 42/38/36/34/32/29/26 | 45/43/41/38/35/34/31 | 48/45/42/39/37/36/33 |
| Loading Quantity           | 40°GP   | sets  | 608                  | 608                  | 125                  | 111                  |
|                            | 40°HQ   | sets  | 702                  | 702                  | 142                  | 128                  |



Bora

| Model                      |         |       | GWH09AAB-K6DNA2A/I | GWH12AAB-K6DNA2A/I | GWH18AAD-K6DNA2A/I | GWH24AAD-K6DNA2A/I |
|----------------------------|---------|-------|--------------------|--------------------|--------------------|--------------------|
| Capacity                   | Cooling | Btu/h | 8500               | 10900              | 17500              | 21000              |
|                            | Heating | Btu/h | 9600               | 11600              | 18000              | 21800              |
| EER/COP                    |         | W/W   | 3.2/3.6            | 3.21/3.61          | 3.21/3.64          | 3.5/3.47           |
| SEER/SCOP                  |         | W/W   | 6.1/4              | 6.1/4              | 6.1/4              | 6.1/4              |
| Package Dimension(indoor)  | LxWxH   | mm    | 822×322×255        | 822×322×255        | 1020×369×295       | 1020×369×295       |
| Package Dimension(outdoor) | LxWxH   | mm    | 823×358×595        | 881×363×645        | 948×420×645        | 1029×458×750       |
| Sound Pressure Level       |         | dB(A) | 40/37/35/28        | 42/37/35/28        | 48/44/39/34        | 48/44/40/34        |
| Loading Quantity           | 40°GP   | sets  | 909                | 909                | 164                | 130                |
|                            | 40°HQ   | sets  | 1010               | 1010               | 188                | 149                |



Bora

| Model                      |         |       | GW/H09AAB-K6DNA3A/I | GW/H12AAB-K6DNA3A/I | GWH18AAD-K6DNA1B/I | GWH24AAD-K6DNA1A/I |
|----------------------------|---------|-------|---------------------|---------------------|--------------------|--------------------|
| Capacity                   | Cooling | Btu/h | 8500                | 10900               | 15700              | 21000              |
|                            | Heating | Btu/h | 9600                | 11600               | 17700              | 22000              |
| EER/COP                    |         | W/W   | 3.2/3.6             | 3.21/3.61           | 3.22/3.71          | 3.5/3.47           |
| SEER/SCOP                  |         | W/W   | 6.1/4               | 6.1/4               | 6.1/4              | 6.1/4              |
| Package Dimension(indoor)  | LxWxH   | mm    | 822×322×255         | 822×322×255         | 1020×369×295       | 1020×369×295       |
| Package Dimension(outdoor) | LxWxH   | mm    | 823×358×595         | 881×363×645         | 881×363×645        | 1029×458×750       |
| Sound Pressure Level       |         | dB(A) | 40/37/35/28         | 42/37/35/28         | 48/45/39/34        | 48/44/40/34        |
| Loading Quantity           | 40°GP   | sets  | 909                 | 909                 | 183                | 130                |
|                            | 40°HQ   | sets  | 1010                | 1010                | 210                | 149                |

Duct Type Indoor Unit

| Model                |         |       | GFH(09)EA-K6DNA1A/I | GFH(12)EA-K6DNA1A/I | GFH(18)EA-K6DNA1A/I | GFH(21)EA-K6DNA1A/I | GFH(24)EA-K6DNA1A/I |
|----------------------|---------|-------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Capacity             | Cooling | Btu/h | 8500                | 117900              | 17100               | 20500               | 24200               |
|                      | Heating | Btu/h | 9600                | 13100               | 1800                | 23500               | 27300               |
| Sound Pressure Level | Indoor  | dB(A) | 37/34/31            | 39/35/32            | 41/36/33            | 42/37/34            | 42/37/34            |
| Dimension(L×W×H)     | Package | mm    | 893×305×743         | 893×305×743         | 1123×305×743        | 1323×305×743        | 1323×305×743        |
| Loading Quantity     | 40°GP   | sets  | 273                 | 273                 | 217                 | 175                 | 175                 |
|                      | 40°HQ   | sets  | 312                 | 312                 | 248                 | 200                 | 200                 |

Cassette Type Indoor Unit

| Model                  |         |       | GKH(12)BB-K6DNA3A/I | GKH(18)BB-K6DNA3A/I | GKH(24)BB-K6DNA3A/I |
|------------------------|---------|-------|---------------------|---------------------|---------------------|
| Capacity               | Cooling | Btu/h | 11900               | 15400               | 24200               |
|                        | Heating | Btu/h | 13600               | 17100               | 27300               |
| Sound Pressure Level   |         | dB(A) | 44/41/38/34         | 47/45/41/35         | 47/45/41/36         |
| Body Dimension(L×W×H)  | Package | mm    | 778×300×738         | 778×300×738         | 963×325×963         |
| Panel Dimension(L×W×H) | Package | mm    | 763×105×763         | 763×105×763         | 1033×133×1038       |
| Loading Quantity       | 40°GP   | sets  | 329                 | 329                 | 168                 |
|                        | 40°HQ   | sets  | 376                 | 376                 | 192                 |



Floor Ceiling Type Indoor Unit

| Model                |         |       | GTH(09)CA-K6DNA1A/I | GTH(12)CA-K6DNA1A/I | GTH(18)CA-K6DNA2A/I | GTH(24)CA-K6DNA2A/I |
|----------------------|---------|-------|---------------------|---------------------|---------------------|---------------------|
| Capacity             | Cooling | Btu/h | 8900                | 11900               | 15400               | 24200               |
|                      | Heating | Btu/h | 9200                | 13600               | 17100               | 27300               |
| Sound Pressure Level |         | dB(A) | 38/35/30/26         | 38/35/30/26         | 38/35/30/26         | 38/35/31/27         |
| Dimension(L×W×H)     |         | mm    | 1033×770×300        | 1033×770×300        | 1033×770×300        | 1363×770×300        |
| Loading Quantity     | 40'GP   | sets  | 231                 | 231                 | 231                 | 175                 |
|                      | 40'HQ   | sets  | 264                 | 264                 | 264                 | 200                 |

Console

| Model                      |         |              | GEH09AA-K6DNA1F/I    | GEH12AA-K6DNA1A/I    | GEH18AA-K6DNA1F/I    |
|----------------------------|---------|--------------|----------------------|----------------------|----------------------|
| Capacity                   | Cooling | Btu/h        | 9200                 | 12000                | 17700                |
|                            | Heating | Btu/h        | 9900                 | 13000                | 18200                |
| EER/COP                    |         | W/W          | 3.75/3.97            | 3.52/3.96            | 3.4/3.55             |
| SEER/SCOP                  |         | W/W          | 7.2/4                | 7/4.1                | 6.6/4                |
| Package Dimension(indoor)  |         | LxWxH mm     | 788×283×697          | 788×283×697          | 788×283×697          |
| Package Dimension(outdoor) |         | LxWxH mm     | 823×358×595          | 881×363×645          | 1029×458×750         |
| Sound Pressure Level       |         | Indoor dB(A) | 39/36/33/31/29/26/23 | 44/40/38/36/33/29/25 | 47/45/43/41/38/37/32 |
| Loading Quantity           | 40'GP   | sets         | 381                  | 381                  | 381                  |
|                            | 40'HQ   | sets         | 454                  | 454                  | 454                  |

U-Match



It is a kind of split system that the outdoor unit can be freely connected to different types of indoor units according to various indoor decoration requirements.



Easier Maintainability

Compact Design

Wide Operation Range

Easier Maintainability

Inner Groove Copper

Intelligent Defrosting

Energy Saver

Quiet Design

Comfortable Sleep Mode

- Adopt eco-friendly refrigerant R32. GWP of R32 is 68% lower than that of R410A, and charging quantity is reduced by 30% compared to R410A.
- High energy efficiency. SEER in cooling is up to 7.2, and SCOP in heating is up to 4.0. Power consumption in standby status is only 1W.
- Wide operation range. Cooling operation range is from -20℃(DB)~48℃(DB), and heating operation range is from -20℃(DB)~24℃(DB).
- Smart control including APP control, long-distance control and centralized control.
- Dual unit backup function. If one unit breaks down, the backup unit can start operation at once; if one unit cannot afford the demand, the backup unit can start working to supplement the output.



Indoor Unit

Duct type

- DC motor, energy-saving and high efficiency.
- Fresh air unit can be connected.
- Lift of water pump is 1000mm.
- Energy efficiency can be up to A++ in cooling season and A+ in heating season.

Cassette type

- 360° air discharge for balanced room temperature.
- DC motor and DC water pump, energy-saving and high efficiency.
- Fresh air unit can be connected.
- Lift of water pump is 1,000mm.
- Energy efficiency can be up to A++ in cooling season and A+ in heating season.

Floor ceiling type

- DC motor, energy-saving and high efficiency.
- Fresh air unit can be connected.
- Lift of water pump is 1,000mm.
- Energy efficiency can be up to A++ in cooling season and A+ in heating season.

Wall-mounted

















- DC motor, energy-saving and high efficiency.
- Energy efficiency can be up A++ in cooling season and A+ in heating season.




| Item    | Nominal operating condition (temperature) |       |                  |       | Operating range (temperature) |                  |       |
|---------|---|-------|------------------|-------|-------------------------------|------------------|-------|
|         | Outdoor condition                         |       | Indoor condition |       | Outdoor condition             | Indoor condition |       |
|         | DB(℃)                                     | WB(℃) | DB(℃)            | WB(℃) | DB(℃)                         | DB(℃)            | WB(℃) |
| Cooling | 35  | 24    | 27               | 19    | -20 ~ 48                      | 32               | 23    |
| Heating | 7   | 6     | 20               | 15    | -20 ~ 24                      | 27               | -     |

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Indoor Units Lineup

| Capacity index (kW) |                | 3.5   | 5   | 7.1  | 8.5   |  |   |   |
|---------------------|----------------|---|---|--|---|--|---|---|
| Outdoor unit        | Model          | GUD35W/NhA-T  | GUD50W/NhA-T  | GUD71W/NhA-T   | GUD85W/NhA-T  |  |   |   |
|                     | Picture        |  |   |  |  |  |   |   |
| Indoor unit         | Duct           | Model   | GUD35P/A-T (GUD35PS/A-T)  | GUD50P/A-T (GUD50PS/A-T)   | GUD71P/A-T<br>GUD71PS/A-T   | GUD71PH/A-T<br>GUD71PHS/A-T  | GUD85P/A-T<br>GUD85PS/A-T   | GUD85PH/A-T<br>GUD85PHS/A-T   |
|                     |                | Picture   |  |   |    |  |  |  |
|                     | Cassette       | Model   | GUD35T/A-T  | GUD50T/A-T   | GUD71T/A-T  |  | GUD85T/A-T  |   |
|                     |                | Picture   |  |  |  |  |  |   |
|                     | Floor ceiling  | Model   | GUD35ZD/A-T   | GUD50ZD/A-T  | GUD71ZD/A-T   |  | GUD85ZD/A-T   |   |
|                     |                | Picture   |  |  |  |  |  |   |
|                     | Floor standing | Model   | -   | -  | GUD71L/A-T  |  | -   |   |
|                     |                | Picture   | -   | -  |    |  | -   |   |

| Capacity index (kW) |                | 10  | 12.5  | 14   | 16  |                              |
|---------------------|----------------|---|---|--|---|------------------------------|
| Outdoor unit        | Model          | GUD100W/NhA-T (GUD100W/NhA-X)   | GUD125W/NhA-T (GUD125W/NhA-X)   | GUD140W/NhA-T (GUD140W/NhA-X)  | GUD160W/NhA-X   |                              |
|                     | Picture        |  |   |  |  |                              |
| Indoor unit         | Duct           | Model   | GUD100PH/A-T (GUD100PHS/A-T)  | GUD125PH/A-T (GUD125PHS/A-T)   | GUD140PH/A-T (GUD140PHS/A-T)  | GUD160PH/A-T (GUD160PHS/A-T) |
|                     |                | Picture   |  |  |   |                              |
|                     | Cassette       | Model   | GUD100T/A-T   | GUD125T/A-T  | GUD140T/A-T   | GUD160T/A-T                  |
|                     |                | Picture   |  |  |   |                              |
|                     | Floor ceiling  | Model   | GUD100ZD/A-T  | GUD125ZD/A-T   | GUD140ZD/A-T  | GUD160ZD/A-T                 |
|                     |                | Picture   |  |  |   |                              |
|                     | Wall-mounted   | Model   | GUD100G/A-T   | -  |   |                              |
|                     |                | Picture   |  | -  |   |                              |
|                     | Floor standing | Model   | GUD100L/A-T   | GUD125L/A-T  | GUD140L/A-T   | -                            |
|                     |                | Picture   |  |  |   | -                            |

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| Model                                     | Outdoor unit                   |             |                                   | GUD35W/NhA-T                      |                                   |                                   |                 |
|---|--------------------------------|-------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------|
|   | Indoor unit                    |             |                                   | Duct                              |                                   | Cassette                          | Floor ceiling   |
|   |                                |             |                                   | GUD35P/A-T                        | GUD35PS/A-T                       | GUD35T/A-T                        | GUD35ZD/A-T     |
| Capacity                                  | Cooling                        | kW          | 3.50                              | 3.50                              | 3.50                              | 3.50                              |                 |
|   |                                | Btu/h       | 11900                             | 11900                             | 11900                             | 11900                             |                 |
|   | Heating                        | kW          | 4.00                              | 4.00                              | 4.00                              | 4.00                              |                 |
|   |                                | Btu/h       | 13600                             | 13600                             | 13600                             | 13600                             |                 |
| SEER/SCOP                                 |                                | -           | 6.1/4.0                           | 6.1/4.0                           | 5.9/4.0                           | 6.7/4.0                           |                 |
| Energy efficiency grade (Cooling/Heating) |                                | -           | A++/A+                            | A++/A+                            | A+/A+                             | A++/A+                            |                 |
| Power supply                              |                                | V/Ph/Hz     | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz |                 |
| Power input                               | Cooling                        | kW          | 0.95                              | 0.95                              | 1.00                              | 0.90                              |                 |
|   | Heating                        | kW          | 1.05                              | 1.05                              | 1.05                              | 0.95                              |                 |
| Current input                             | Cooling                        | A           | 4.18                              | 4.18                              | 4.50                              | 4.00                              |                 |
|   | Heating                        | A           | 4.70                              | 4.70                              | 4.70                              | 4.20                              |                 |
| Refrigerant charge volume                 |                                | kg          | 0.78                              | 0.78                              | 0.78                              | 0.78                              |                 |
| Loading quantity                          |                                | 40'GP/40'HQ | set                               | 141/164                           | 141/164                           | 120/139                           | 110/132         |
| Indoor unit                               | Air flow volume(SH/H/M/L)      |             | CFM                               | 383/353/300/265                   | 383/353/300/265                   | 382/341/282/235                   | 383/359/312/271 |
|   |                                |             | m³/h                              | 650/600/510/450                   | 650/600/510/450                   | 650/580/480/400                   | 650/610/530/460 |
|   | ESP                            | Rated       | Pa                                | 25                                | 25                                | -                                 | -               |
|   |                                | Range       | Pa                                | 0-60                              | 0-60                              | -                                 | -               |
|   | Sound pressure level(SH/H/M/L) |             | dB(A)                             | 41/38/36/34                       | 41/38/36/34                       | 41/39/36/33                       | 39/36/32/28     |
|   | Dimension (W×D×H)              | Outline     | mm                                | 700×450×200                       | 700×450×200                       | 570×570×265                       | 870×665×235     |
|   |                                | Package     | mm                                | 1008×568×275                      | 1008×568×275                      | 698×653×295                       | 1033×770×300    |
|   | Net weight/Gross weight        |             | kg                                | 19.0/23.0                         | 20.0/24.0                         | 17.0/22.0                         | 25.0/30.0       |
| Panel                                     | Dimension (W×D×H)              | Outline     | mm                                | -                                 | -                                 | 620×620×47.5                      | -               |
|   |                                | Package     | mm                                | -                                 | -                                 | 701×701×125                       | -               |
|   | Net weight/Gross weight        |             | kg                                | -                                 | -                                 | 3.0/4.5                           | -               |
| Outdoor unit                              | Sound pressure level           |             | dB(A)                             | 50/-/-                            | 50/-/-                            | 50/-/-                            | 50/-/-          |
|   | Dimension (W×D×H)              | Outline     | mm                                | 818×302×596                       | 818×302×596                       | 818×302×596                       | 818×302×596     |
|   |                                | Package     | mm                                | 948×420×645                       | 948×420×645                       | 948×420×645                       | 948×420×645     |
|   | Net weight/Gross weight        |             | kg                                | 37.0/40.0                         | 37.0/40.0                         | 37.0/40.0                         | 37.0/40.0       |
| Connecting pipe                           | Outdoor diameter               | Liquid      | inch                              | 1/4"                              | 1/4"                              | 1/4"                              | 1/4"            |
|   |                                | Gas         | inch                              | 3/8"                              | 3/8"                              | 3/8"                              | 3/8"            |
|   | Max. distance                  |             | Height/Length                     | m                                 | 15/30                             | 15/30                             | 15/30           |

| Model                                     | Outdoor unit                   |               | GUD50W/NhA-T                      |                 |                 |                 |                 |
|---|--------------------------------|---------------|-----------------------------------|-----------------|-----------------|-----------------|-----------------|
|   | Indoor unit                    |               | Duct                              |                 | Cassette        | Floor ceiling   |                 |
|   |                                |               | GUD50P/A-T                        | GUD50PS/A-T     | GUD50T/A-T      | GUD50ZD/A-T     |                 |
| Capacity                                  | Cooling                        | kW            | 5.00                              | 5.00            | 5.00            | 5.00            |                 |
|   |                                | Btu/h         | 17000                             | 17000           | 17000           | 17000           |                 |
|   | Heating                        | kW            | 5.50                              | 5.50            | 5.50            | 5.50            |                 |
|   |                                | Btu/h         | 18700                             | 18700           | 18700           | 18700           |                 |
| SEER/SCOP                                 |                                | -             | 6.1/4.0                           | 6.1/4.0         | 5.9/4.0         | 6.1/4.0         |                 |
| Energy efficiency grade (Cooling/Heating) |                                | -             | A++/A+                            | A++/A+          | A+/A+           | A++/A+          |                 |
| Power supply                              |                                | V/Ph/Hz       | 220-240V ~ 50Hz & 208-230V ~ 60Hz |                 |                 |                 |                 |
| Power input                               | Cooling                        | kW            | 1.55                              | 1.55            | 1.56            | 1.55            |                 |
|   | Heating                        | kW            | 1.45                              | 1.45            | 1.65            | 1.60            |                 |
| Current input                             | Cooling                        | A             | 6.30                              | 6.30            | 6.83            | 6.50            |                 |
|   | Heating                        | A             | 6.00                              | 6.00            | 7.24            | 6.90            |                 |
| Refrigerant charge volume                 |                                | kg            | 1.00                              | 1.00            | 1.00            | 1.00            |                 |
| Loading quantity                          |                                | set           | 126/147                           | 126/147         | 120/139         | 110/132         |                 |
| Indoor unit                               | Air flow volume(SH/H/M/L)      |               | CFM                               | 559/518/483/412 | 559/518/483/412 | 412/341/282/235 | 500/471/412/353 |
|   |                                |               | m³/h                              | 950/880/820/700 | 950/880/820/700 | 700/580/480/400 | 850/800/700/600 |
|   | ESP                            | Rated         | Pa                                | 25              | 25              | -               | -               |
|   |                                | Range         | Pa                                | 0-60            | 0-60            | -               | -               |
|   | Sound pressure level(SH/H/M/L) |               | dB(A)                             | 43/42/39/36     | 43/42/39/36     | 44/39/36/33     | 44/42/39/36     |
|   | Dimension (W×D×H)              | Outline       | mm                                | 1000×450×200    | 1000×450×200    | 570×570×265     | 870×665×235     |
|   |                                | Package       | mm                                | 1308×568×275    | 1308×568×275    | 698×653×295     | 1033×770×300    |
|   | Net weight/Gross weight        |               | kg                                | 25.0/30.0       | 26.0/31.0       | 17.0/22.0       | 26.0/31.0       |
| Panel                                     | Dimension (W×D×H)              | Outline       | mm                                | -               | -               | 620×620×47.5    | -               |
|   |                                | Package       | mm                                | -               | -               | 701×701×125     | -               |
|   | Net weight/Gross weight        |               | kg                                | -               | -               | 3.0/4.5         | -               |
| Outdoor unit                              | Sound pressure level           |               | dB(A)                             | 53/—/—          | 53/—/—          | 53/—/—          | 53/—/—          |
|   | Dimension (W×D×H)              | Outline       | mm                                | 818×302×596     | 818×302×596     | 818×302×596     | 818×302×596     |
|   |                                | Package       | mm                                | 948×420×645     | 948×420×645     | 948×420×645     | 948×420×645     |
|   | Net weight/Gross weight        |               | kg                                | 39.0/42.0       | 39.0/42.0       | 39.0/42.0       | 39.0/42.0       |
| Connecting pipe                           | Outdoor diameter               | Liquid        | inch                              | 1/4"            | 1/4"            | 1/4"            | 1/4"            |
|   |                                | Gas           | inch                              | 1/2"            | 1/2"            | 1/2"            | 1/2"            |
|   | Max. distance                  | Height/Length | m                                 | 20/35           | 20/35           | 20/35           | 20/35           |

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| Model                                     | Outdoor unit                   |               | GUD71W/NhA-T                      |                                   |                                   |                                   |
|---|--------------------------------|---------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
|   | Indoor unit                    |               | Duct                              |                                   |                                   |                                   |
|   |                                |               | GUD71P/A-T                        | GUD71PS/A-T                       | GUD71PH/A-T                       | GUD71PHS/A-T                      |
| Capacity                                  | Cooling                        | kW            | 7.00                              | 7.00                              | 7.0                               | 7.0                               |
|   |                                | Btu/h         | 23800                             | 23800                             | 23800                             | 23800                             |
|   | Heating                        | kW            | 8.00                              | 8.00                              | 8.0                               | 8.0                               |
|   |                                | Btu/h         | 27200                             | 27200                             | 27200                             | 27200                             |
| SEER/SCOP                                 |                                |               | -                                 | 6.8/4.0                           | 6.8/4.0                           | 6.8/4.0                           |
| Energy efficiency grade (Cooling/Heating) |                                |               | -                                 | A++/A+                            | A++/A+                            | A++/A+                            |
| Power supply                              |                                | V/Ph/Hz       | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz |
| Power input                               | Cooling                        | kW            | 2.10                              | 2.10                              | 1.94                              | 1.94                              |
|   | Heating                        | kW            | 2.25                              | 2.25                              | 2.11                              | 2.11                              |
| Current input                             | Cooling                        | A             | 8.70                              | 8.70                              | 8.5                               | 8.5                               |
|   | Heating                        | A             | 9.50                              | 9.50                              | 9.3                               | 9.3                               |
| Refrigerant charge volume                 |                                | kg            | 1.60                              | 1.60                              | 1.6                               | 1.6                               |
| Loading quantity                          |                                | set           | 92/105                            | 92/105                            | 91/104                            | 91/104                            |
| Indoor unit                               | Air flow volume(SH/H/M/L)      |               | CFM                               | 706/682/641/553                   | 706/682/641/553                   | 677/647/589/530                   |
|   |                                |               | m³/h                              | 1200/1160/1090/940                | 1200/1160/1090/940                | 1150/1100/1000/900                |
|   | ESP                            | Rated         | Pa                                | 25                                | 25                                | 25                                |
|   |                                | Range         | Pa                                | 0-75                              | 0-75                              | 0-125                             |
|   | Sound pressure level(SH/H/M/L) |               | dB(A)                             | 40/39/37/36                       | 40/39/37/36                       | 39/38/37/36                       |
|   | Dimension (W×D×H)              | Outline       | mm                                | 1300×450×220                      | 1300×450×220                      | 900×655×260                       |
|   |                                | Package       | mm                                | 1628×578×300                      | 1628×578×300                      | 1158×788×310                      |
|   | Net weight/Gross weight        |               | kg                                | 30.0/37.0                         | 31.0/38.0                         | 32.0/40.0                         |
| Panel                                     | Dimension (W×D×H)              | Outline       | mm                                | -                                 | -                                 | -                                 |
|   |                                | Package       | mm                                | -                                 | -                                 | -                                 |
|   | Net weight/Gross weight        |               | kg                                | -                                 | -                                 | -                                 |
| Outdoor unit                              | Sound pressure level           |               | dB(A)                             | 52/—/—                            | 52/—/—                            | 52                                |
|   | Dimension (W×D×H)              | Outline       | mm                                | 892×340×698                       | 892×340×698                       | 892×340×698                       |
|   |                                | Package       | mm                                | 1029×458×750                      | 1029×458×750                      | 1029×458×750                      |
|   | Net weight/Gross weight        |               | kg                                | 53.0/57.0                         | 53.0/57.0                         | 53/57                             |
| Connecting pipe                           | Outdoor diame-<br>teter        | Liquid        | inch                              | 3/8"                              | 3/8"                              | 3/8"                              |
|   |                                | Gas           | inch                              | 5/8"                              | 5/8"                              | 5/8"                              |
|   | Max. distance                  | Height/Length | m                                 | 25/50                             | 25/50                             | 25/50                             |

| Model                                     | Outdoor unit                   |               | GUD71W/NhA-T                      |                                   |                                   |                                   |
|---|--------------------------------|---------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
|   | Indoor unit                    |               | Cassette                          |                                   |                                   |                                   |
|   |                                |               | GUD71T/A-T                        | GUD71ZD/A-T                       | GUD71G/A-T*                       | GUD71UA-T*                        |
| Capacity                                  | Cooling                        | kW            | 7.00                              | 7.00                              | 6.5                               | 7.0                               |
|   |                                | Btu/h         | 23800                             | 23800                             | 22000                             | 24000                             |
|   | Heating                        | kW            | 8.00                              | 8.00                              | 7.5                               | 8.0                               |
|   |                                | Btu/h         | 27200                             | 27200                             | 25600                             | 27000                             |
| SEER/SCOP                                 |                                |               | -                                 | 7.2/3.9                           | 6.8/3.9                           | 6.1/4.0                           |
| Energy efficiency grade (Cooling/Heating) |                                |               | -                                 | A++/A                             | A++/A                             | A++/A+                            |
| Power supply                              |                                | V/Ph/Hz       | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz |
| Power input                               | Cooling                        | kW            | 2.05                              | 1.90                              | 2.1                               | 2.1                               |
|   | Heating                        | kW            | 2.20                              | 2.45                              | 2.25                              | 2.25                              |
| Current input                             | Cooling                        | A             | 8.8                               | 8.60                              | 8.7                               | 8.7                               |
|   | Heating                        | A             | 9.5                               | 10.50                             | 9.5                               | 9.5                               |
| Refrigerant charge volume                 |                                | kg            | 1.6                               | 1.60                              | 1.6                               | 1.6                               |
| Loading quantity                          |                                | set           | 67/78                             | 90/92                             | 118/131                           | 47/47                             |
| Indoor unit                               | Air flow volume(SH/H/M/L)      |               | CFM                               | 647/618/565/512                   | 765/718/641/553                   | 647                               |
|   |                                |               | m³/h                              | 1100/1050/960/870                 | 1300/1220/1090/940                | 1100                              |
|   | ESP                            | Rated         | Pa                                | -                                 | -                                 | -                                 |
|   |                                | Range         | Pa                                | -                                 | -                                 | -                                 |
|   | Sound pressure level(SH/H/M/L) |               | dB(A)                             | 43/42/40/39                       | 45/44/41/38                       | 44                                |
|   | Dimension (W×D×H)              | Outline       | mm                                | 840×840×240                       | 1200×665×235                      | 1078×246×325                      |
|   |                                | Package       | mm                                | 963×963×325                       | 1363×770×300                      | 1148×413×350                      |
|   | Net weight/Gross weight        |               | kg                                | 29.0/36.0                         | 31.0/37.0                         | 16/20                             |
| Panel                                     | Dimension (W×D×H)              | Outline       | mm                                | 950×950×52                        | -                                 | -                                 |
|   |                                | Package       | mm                                | 1033×1038×112                     | -                                 | -                                 |
|   | Net weight/Gross weight        |               | kg                                | 6.0/9.5                           | -                                 | -                                 |
| Outdoor unit                              | Sound pressure level           |               | dB(A)                             | 52/—/—                            | 52/—/—                            | 52                                |
|   | Dimension (W×D×H)              | Outline       | mm                                | 892×340×698                       | 892×340×698                       | 892×340×698                       |
|   |                                | Package       | mm                                | 1029×458×750                      | 1029×458×750                      | 1029×458×750                      |
|   | Net weight/Gross weight        |               | kg                                | 53.0/57.0                         | 53.0/57.0                         | 53/57                             |
| Connecting pipe                           | Outdoor diame-<br>teter        | Liquid        | inch                              | 3/8"                              | 3/8"                              | 3/8"                              |
|   |                                | Gas           | inch                              | 5/8"                              | 5/8"                              | 5/8"                              |
|   | Max. distance                  | Height/Length | m                                 | 25/50                             | 25/50                             | 50/75                             |

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| Model                                     | Outdoor unit                   |               | GUD85W/NhA-T                      |                                   |                                   |                                   |
|---|--------------------------------|---------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
|   | Indoor unit                    |               | Duct                              |                                   |                                   |                                   |
|   |                                |               | GUD85P/A-T                        | GUD85PS/A-T                       | GUD85PH/A-T                       | GUD85PHS/A-T                      |
| Capacity                                  | Cooling                        | kW            | 8.50                              | 8.50                              | 8.50                              | 8.50                              |
|   |                                | Btu/h         | 29000                             | 29000                             | 29000                             | 29000                             |
|   | Heating                        | kW            | 8.80                              | 8.80                              | 8.80                              | 8.80                              |
|   |                                | Btu/h         | 30000                             | 30000                             | 30000                             | 30000                             |
| SEER/SCOP                                 |                                |               | -                                 | 6.1/4.0                           | 6.1/4.0                           | 6.1/3.9                           |
| Energy efficiency grade (Cooling/Heating) |                                |               | -                                 | A++/A+                            | A++/A+                            | A++/A                             |
| Power supply                              |                                | V/Ph/Hz       | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz |
| Power input                               | Cooling                        | kW            | 2.70                              | 2.70                              | 2.58                              | 2.58                              |
|   | Heating                        | kW            | 2.55                              | 2.55                              | 2.38                              | 2.38                              |
| Current input                             | Cooling                        | A             | 12.10                             | 12.10                             | 11.80                             | 11.80                             |
|   | Heating                        | A             | 11.10                             | 11.10                             | 10.90                             | 10.90                             |
| Refrigerant charge volume                 |                                | kg            | 1.80                              | 1.80                              | 1.80                              | 1.80                              |
| Loading quantity                          |                                | set           | 80/92                             | 80/92                             | 73/88                             | 73/88                             |
| Indoor unit                               | Air flow volume(SH/H/M/L)      |               | CFM                               | 883/794/665/559                   | 883/794/665/559                   | 883/765/647/589                   |
|   |                                |               | m³/h                              | 1500/1350/1130/950                | 1500/1350/1130/950                | 1500/1300/1100/1000               |
|   | ESP                            | Rated         | Pa                                | 37                                | 37                                | 37                                |
|   |                                | Range         | Pa                                | 0-75                              | 0-75                              | 0-125                             |
|   | Sound pressure level(SH/H/M/L) |               | dB(A)                             | 42/40/37/35                       | 42/40/37/35                       | 42/41/39/38                       |
|   | Dimension (W×D×H)              | Outline       | mm                                | 1300×450×220                      | 1300×450×220                      | 900×655×260                       |
|   |                                | Package       | mm                                | 1628×578×300                      | 1628×578×300                      | 1158×788×310                      |
|   | Net weight/Gross weight        |               | kg                                | 30.0/37.0                         | 31.0/38.0                         | 31/39                             |
| Panel                                     | Dimension (W×D×H)              | Outline       | mm                                | -                                 | -                                 | -                                 |
|   |                                | Package       | mm                                | -                                 | -                                 | -                                 |
|   | Net weight/Gross weight        |               | kg                                | -                                 | -                                 | -                                 |
| Outdoor unit                              | Sound pressure level           |               | dB(A)                             | 53/—/—                            | 53/—/—                            | 53                                |
|   | Dimension (W×D×H)              | Outline       | mm                                | 920×370×790                       | 920×370×790                       | 920×370×790                       |
|   |                                | Package       | mm                                | 1083×488×855                      | 1083×488×855                      | 1083×488×855                      |
|   | Net weight/Gross weight        |               | kg                                | 60.0/65.0                         | 60.0/65.0                         | 60.0/65.0                         |
| Connecting pipe                           | Outdoor<br>diameter            | Liquid        | inch                              | 3/8"                              | 3/8"                              | 3/8"                              |
|   |                                | Gas           | inch                              | 5/8"                              | 5/8"                              | 5/8"                              |
|   | Max. distance                  | Height/Length | m                                 | 25/50                             | 25/50                             | 25/50                             |

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| Model                                     | Outdoor unit                   |               | GUD85W/NhA-T                      |                     |                     |
|---|--------------------------------|---------------|-----------------------------------|---------------------|---------------------|
|   | Indoor unit                    |               | Cassette                          | Floor ceiling       | Wall-mounted        |
|   |                                |               | GUD85T/A-T                        | GUD85ZD/A-T         | GUD85G/A-T*         |
| Capacity                                  | Cooling                        | kW            | 8.50                              | 8.50                | 8.50                |
|   |                                | Btu/h         | 29000                             | 29000               | 29000               |
|   | Heating                        | kW            | 8.80                              | 8.80                | 8.80                |
|   |                                | Btu/h         | 30000                             | 30000               | 30000               |
| SEER/SCOP                                 |                                |               | -                                 | 6.1/4.0             | 6.1/4.0             |
| Energy efficiency grade (Cooling/Heating) |                                |               | -                                 | A++/A+              | A++/A+              |
| Power supply                              |                                | V/Ph/Hz       | 220-240V ~ 50Hz & 208-230V ~ 60Hz |                     |                     |
| Power input                               | Cooling                        | kW            | 2.80                              | -                   | 2.60                |
|   | Heating                        | kW            | 2.65                              | -                   | 2.45                |
| Current input                             | Cooling                        | A             | 12.7                              | 12.70               | 11.30               |
|   | Heating                        | A             | 11.7                              | 11.70               | 10.60               |
| Refrigerant charge volume                 |                                | kg            | 1.80                              | 1.80                | 1.80                |
| Loading quantity                          |                                | set           | 58/69                             | 72/85               | 80/95               |
| Indoor unit                               | Air flow volume(SH/H/M/L)      |               | CFM                               | 824/771/694/612     | 883/812/706/600     |
|   |                                |               | m³/h                              | 1400/1310/1180/1040 | 1500/1380/1200/1020 |
|   | ESP                            | Rated         | Pa                                | -                   | -                   |
|   |                                | Range         | Pa                                | -                   | -                   |
|   | Sound pressure level(SH/H/M/L) |               | dB(A)                             | 49/47/44/41         | 49/47/43/39         |
|   | Dimension (W×D×H)              | Outline       | mm                                | 840×840×240         | 1200×665×235        |
|   |                                | Package       | mm                                | 963×963×325         | 1363×770×300        |
|   | Net weight/Gross weight        |               | kg                                | 29.0/36.0           | 31.0/37.0           |
| Panel                                     | Dimension (W×D×H)              | Outline       | mm                                | 950×950×52          | -                   |
|   |                                | Package       | mm                                | 1033×1038×112       | -                   |
|   | Net weight/Gross weight        |               | kg                                | 6.0/9.5             | -                   |
| Outdoor unit                              | Sound pressure level           |               | dB(A)                             | 53/—/—              | 53                  |
|   | Dimension (W×D×H)              | Outline       | mm                                | 920×370×790         | 920×370×790         |
|   |                                | Package       | mm                                | 1083×488×855        | 1083×488×855        |
|   | Net weight/Gross weight        |               | kg                                | 60.0/65.0           | 60.0/65.0           |
| Connecting pipe                           | Outdoor<br>diameter            | Liquid        | inch                              | 3/8"                | 3/8"                |
|   |                                | Gas           | inch                              | 5/8"                | 5/8"                |
|   | Max. distance                  | Height/Length | m                                 | 25/50               | 25/50               |

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| Model                                     | Outdoor unit                   |               | GUD140W/NhA-T                     |                                   |                                   |                                   |                                   |
|---|--------------------------------|---------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
|   | Indoor unit                    |               | Duct                              |                                   | Cassette                          | Floor ceiling                     | Floor standing                    |
|   |                                |               | GUD140PH/A-T                      | GUD140PHS/A-T                     | GUD140T/A-T                       | GUD140ZD/A-T                      | GUD140L/A-T*                      |
| Capacity                                  | Cooling                        | kW            | 13.40                             | 13.40                             | 13.40                             | 13.40                             | 13.4                              |
|   |                                | Btu/h         | 45700                             | 45700                             | 45700                             | 45700                             | 45700                             |
|   | Heating                        | kW            | 15.50                             | 15.50                             | 15.50                             | 15.50                             | 16                                |
|   |                                | Btu/h         | 52800                             | 52800                             | 52800                             | 52800                             | 55000                             |
| SEER/SCOP                                 |                                |               | -                                 | 6.1/3.6                           | 6.1/3.6                           | 6.1/3.7                           | 6.1/4.0                           |
| Energy efficiency grade (Cooling/Heating) |                                |               | -                                 | A++/A                             | A++/A                             | A++/A                             | A++/A+                            |
| Power supply                              |                                | V/Ph/Hz       | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz |
| Power input                               | Cooling                        | kW            | 4.45                              | 4.45                              | 4.65                              | 4.40                              | 4.65                              |
|   | Heating                        | kW            | 4.60                              | 4.60                              | 4.35                              | 4.35                              | 4.35                              |
| Current input                             | Cooling                        | A             | 19.90                             | 19.90                             | 20.80                             | 19.50                             | 19.5                              |
|   | Heating                        | A             | 20.40                             | 20.40                             | 19.50                             | 19.40                             | 19.4                              |
| Refrigerant charge volume                 |                                | kg            | 2.80                              | 2.80                              | 2.80                              | 2.80                              | 2.80                              |
| Loading quantity 40'GP/40'HQ              |                                | set           | 52/56                             | 52/56                             | 48/53                             | 54/62                             | 36/42                             |
| Indoor unit                               | Air flow volume(SH/H/M/L)      |               | CFM                               | 1295/1177/1018/877                | 1295/1177/1018/877                | 1118/995/871/671                  | 1236/1177/1059/871                |
|   |                                |               | m³/h                              | 2200/2000/1730/1490               | 2200/2000/1730/1490               | 1900/1690/1480/1140               | 2100/2000/1800/1480               |
|   | ESP                            | Rated         | Pa                                | 50                                | 50                                | -                                 | 0                                 |
|   |                                | Range         | Pa                                | 0-150                             | 0-150                             | -                                 | 0                                 |
|   | Sound pressure level(SH/H/M/L) |               | dB(A)                             | 43/41/40/38                       | 43/41/40/38                       | 52/51/48/45                       | 52/50/48/44                       |
|   | Dimension (W×D×H)              | Outline       | mm                                | 1400×700×300                      | 1400×700×300                      | 840×840×290                       | 1570×665×235                      |
|   |                                | Package       | mm                                | 1601×813×365                      | 1601×813×365                      | 963×963×379                       | 1729×770×300                      |
|   | Net weight/Gross weight        |               | kg                                | 49.0/55.0                         | 50.0/56.0                         | 36.0/44.0                         | 42.0/49.0                         |
| Panel                                     | Dimension (W×D×H)              | Outline       | mm                                | -                                 | -                                 | 950×950×52                        | -                                 |
|   |                                | Package       | mm                                | -                                 | -                                 | 1033×1038×112                     | -                                 |
|   | Net weight/Gross weight        |               | kg                                | -                                 | -                                 | 6.0/9.5                           | -                                 |
| Outdoor unit                              | Sound pressure level           |               | dB(A)                             | 56/—/—                            | 56/—/—                            | 56/—/—                            | 56                                |
|   | Dimension (W×D×H)              | Outline       | mm                                | 940×460×820                       | 940×460×820                       | 940×460×820                       | 940×460×820                       |
|   |                                | Package       | mm                                | 1083×573×973                      | 1083×573×973                      | 1083×573×973                      | 1073×563×868                      |
|   | Net weight/Gross weight        |               | kg                                | 95/107                            | 95/107                            | 95.0/107.0                        | 95/107                            |
| Connecting pipe                           | Outdoor diameter               | Liquid        | inch                              | 3/8"                              | 3/8"                              | 3/8"                              | 3/8"                              |
|   |                                | Gas           | inch                              | 5/8"                              | 5/8"                              | 5/8"                              | 5/8"                              |
|   | Max. distance                  | Height/Length | m                                 | 30/75                             | 30/75                             | 30/75                             | 30/75                             |

| Model                                     | Outdoor unit                   |               | GUD140W/NhA-X        |                      |                      |                      |
|---|--------------------------------|---------------|----------------------|----------------------|----------------------|----------------------|
|   | Indoor unit                    |               | Duct                 |                      | Cassette             | Floor ceiling        |
|   |                                |               | GUD140PH/A-T         | GUD140PHS/A-T        | GUD140T/A-T          | GUD140ZD/A-T         |
| Capacity                                  | Cooling                        | kW            | 13.40                | 13.40                | 13.40                | 13.40                |
|   |                                | Btu/h         | 45700                | 45700                | 45700                | 45700                |
|   | Heating                        | kW            | 15.50                | 15.50                | 15.50                | 15.50                |
|   |                                | Btu/h         | 52800                | 52800                | 52800                | 52800                |
| SEER/SCOP                                 |                                |               | -                    | 5.6/3.7              | 5.6/3.7              | 6.1/4.0              |
| Energy efficiency grade (Cooling/Heating) |                                |               | -                    | A+/A                 | A+/A                 | A++/A+               |
| Power supply                              |                                | V/Ph/Hz       | 380-415V 3N~ 50/60Hz | 380-415V 3N~ 50/60Hz | 380-415V 3N~ 50/60Hz | 380-415V 3N~ 50/60Hz |
| Power input                               | Cooling                        | kW            | 4.70                 | 4.70                 | 4.70                 | 4.30                 |
|   | Heating                        | kW            | 4.45                 | 4.45                 | 4.45                 | 4.40                 |
| Current input                             | Cooling                        | A             | 7.20                 | 7.20                 | 7.20                 | 6.60                 |
|   | Heating                        | A             | 6.20                 | 6.20                 | 6.20                 | 6.70                 |
| Refrigerant charge volume                 |                                | kg            | 2.80                 | 2.80                 | 2.80                 | 2.80                 |
| Loading quantity 40'GP/40'HQ              |                                | set           | 52/56                | 52/56                | 48/53                | 54/62                |
| Indoor unit                               | Air flow volume(SH/H/M/L)      |               | CFM                  | 1295/1177/1018/877   | 1295/1177/1018/877   | 1118/995/871/671     |
|   |                                |               | m³/h                 | 2200/2000/1730/1490  | 2200/2000/1730/1490  | 1900/1690/1480/1140  |
|   | ESP                            | Rated         | Pa                   | 50                   | 50                   | -                    |
|   |                                | Range         | Pa                   | 0-150                | 0-150                | -                    |
|   | Sound pressure level(SH/H/M/L) |               | dB(A)                | 43/41/40/38          | 43/41/40/38          | 52/51/48/45          |
|   | Dimension (W×D×H)              | Outline       | mm                   | 1400×700×300         | 1400×700×300         | 840×840×290          |
|   |                                | Package       | mm                   | 1601×813×365         | 1601×813×365         | 963×963×379          |
|   | Net weight/Gross weight        |               | kg                   | 49.0/55.0            | 50.0/56.0            | 36.0/44.0            |
| Panel                                     | Dimension (W×D×H)              | Outline       | mm                   | -                    | -                    | 950×950×52           |
|   |                                | Package       | mm                   | -                    | -                    | 1033×1038×112        |
|   | Net weight/Gross weight        |               | kg                   | -                    | -                    | 9.5                  |
| Outdoor unit                              | Sound pressure level           |               | dB(A)                | 57/—/—               | 57/—/—               | 57/—/—               |
|   | Dimension (W×D×H)              | Outline       | mm                   | 940×460×820          | 940×460×820          | 940×460×820          |
|   |                                | Package       | mm                   | 1083×573×973         | 1083×573×973         | 1083×573×973         |
|   | Net weight/Gross weight        |               | kg                   | 99.0/111.0           | 99.0/111.0           | 99.0/111.0           |
| Connecting pipe                           | Outdoor diameter               | Liquid        | inch                 | 3/8"                 | 3/8"                 | 3/8"                 |
|   |                                | Gas           | inch                 | 5/8"                 | 5/8"                 | 5/8"                 |
|   | Max. distance                  | Height/Length | m                    | 30/75                | 30/75                | 30/75                |

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| Model                                     | Outdoor unit                   |               | GUD160W/NhA-X        |                      |  |  |
|---|--------------------------------|---------------|----------------------|----------------------|--|--|
|   | Indoor unit                    |               | Duct                 |                      |  |  |
|   |                                |               | GUD160PH/A-T         | GUD160PHS/A-T        |  |  |
| Capacity                                  | Cooling                        | kW            | 16.00                | 16.00                |  |  |
|   |                                | Btu/h         | 54500                | 54500                |  |  |
|   | Heating                        | kW            | 17.00                | 17.00                |  |  |
|   |                                | Btu/h         | 58000                | 58000                |  |  |
| SEER/SCOP                                 |                                |               | -                    | 6.1/3.8              |  |  |
| Energy efficiency grade (Cooling/Heating) |                                |               | -                    | A++/A                |  |  |
| Power supply                              |                                | V/Ph/Hz       | 380-415V 3N~ 50/60Hz | 380-415V 3N~ 50/60Hz |  |  |
| Power input                               | Cooling                        | kW            | 5.45                 | 5.45                 |  |  |
|   | Heating                        | kW            | 5.00                 | 5.00                 |  |  |
| Current input                             | Cooling                        | A             | 7.70                 | 7.70                 |  |  |
|   | Heating                        | A             | 7.30                 | 7.30                 |  |  |
| Refrigerant charge volume                 |                                | kg            | 3.60                 | 3.60                 |  |  |
| Loading quantity 40'GP/40'HQ              |                                | set           | 43/49                | 43/49                |  |  |
| Indoor unit                               | Air flow volume(SH/H/M/L)      |               | CFM                  | 1412/1153/983/812    |  |  |
|   |                                |               | m³/h                 | 2400/1960/1670/1380  |  |  |
|   | ESP                            | Rated         | Pa                   | 50                   |  |  |
|   |                                | Range         | Pa                   | 0-200                |  |  |
|   | Sound pressure level(SH/H/M/L) |               | dB(A)                | 44/41/39/38          |  |  |
|   | Dimension (W×D×H)              | Outline       | mm                   | 1400×700×300         |  |  |
|   |                                | Package       | mm                   | 1678×808×365         |  |  |
|   | Net weight/Gross weight        |               | kg                   | 56.0/63.0            |  |  |
| Panel                                     | Dimension (W×D×H)              | Outline       | mm                   | -                    |  |  |
|   |                                | Package       | mm                   | -                    |  |  |
|   | Net weight/Gross weight        |               | kg                   | -                    |  |  |
| Outdoor unit                              | Sound pressure level           |               | dB(A)                | 57/—/—               |  |  |
|   | Dimension (W×D×H)              | Outline       | mm                   | 900×340×1345         |  |  |
|   |                                | Package       | mm                   | 1048×458×1500        |  |  |
| Connecting pipe                           | Net weight/Gross weight        |               | kg                   | 112.0/122.0          |  |  |
|   | Outdoor diameter               | Liquid        | inch                 | 3/8"                 |  |  |
|   |                                | Gas           | inch                 | 5/8"                 |  |  |
|   | Max. distance                  | Height/Length | m                    | 30/75                |  |  |

| Model                                     | Outdoor unit                   |               | GUD160W/NhA-X        |                      |                      |  |
|---|--------------------------------|---------------|----------------------|----------------------|----------------------|--|
|   | Indoor unit                    |               | Cassette             | Floor ceiling        | Floor standing       |  |
|   |                                |               | GUD160T/A-T          | GUD160ZD/A-T         | GUD160L/A-T*         |  |
| Capacity                                  | Cooling                        | kW            | 14.50                | 16.00                | 15.5                 |  |
|   |                                | Btu/h         | 49400                | 54500                | 53000                |  |
|   | Heating                        | kW            | 17.00                | 17.00                | 17.0                 |  |
|   |                                | Btu/h         | 58000                | 58000                | 58000                |  |
| SEER/SCOP                                 |                                |               | -                    | 6.1/3.8              | 6.1/4.0              |  |
| Energy efficiency grade (Cooling/Heating) |                                |               | -                    | A++/A                | A++/A+               |  |
| Power supply                              |                                | V/Ph/Hz       | 380-415V 3N~ 50/60Hz | 380-415V 3N~ 50/60Hz | 380-415V 3N~ 50/60Hz |  |
| Power input                               | Cooling                        | kW            | 5.20                 | 5.40                 | 5.16                 |  |
|   | Heating                        | kW            | 4.80                 | 5.40                 | 5                    |  |
| Current input                             | Cooling                        | A             | 7.60                 | 7.70                 | 13                   |  |
|   | Heating                        | A             | 7.20                 | 7.60                 | 12.5                 |  |
| Refrigerant charge volume                 |                                | kg            | 3.60                 | 3.60                 | 3.6                  |  |
| Loading quantity 40'GP/40'HQ              |                                | set           | 45/47                | 46/56                | 30/30                |  |
| Indoor unit                               | Air flow volume(SH/H/M/L)      |               | CFM                  | 1177/1106/953/842    | 1354/1295/1100/936   |  |
|   |                                |               | m³/h                 | 2000/1880/1620/1430  | 2300/2200/1870/1590  |  |
|   | ESP                            | Rated         | Pa                   | -                    | -                    |  |
|   |                                | Range         | Pa                   | -                    | -                    |  |
|   | Sound pressure level(SH/H/M/L) |               | dB(A)                | 54/52/50/48          | 54/53/49/45          |  |
|   | Dimension (W×D×H)              | Outline       | mm                   | 840×840×290          | 1570×665×235         |  |
|   |                                | Package       | mm                   | 963×963×379          | 1729×770×300         |  |
|   | Net weight/Gross weight        |               | kg                   | 36.0/44.0            | 42.0/49.0            |  |
| Panel                                     | Dimension (W×D×H)              | Outline       | mm                   | 950×950×52           | -                    |  |
|   |                                | Package       | mm                   | 1033×1038×112        | -                    |  |
|   | Net weight/Gross weight        |               | kg                   | 9.5                  | -                    |  |
| Outdoor unit                              | Sound pressure level           |               | dB(A)                | 57/—/—               | 57/—/—               |  |
|   | Dimension (W×D×H)              | Outline       | mm                   | 900×340×1345         | 900×340×1345         |  |
|   |                                | Package       | mm                   | 1048×458×1500        | 1048×458×1500        |  |
| Connecting pipe                           | Net weight/Gross weight        |               | kg                   | 112.0/122.0          | 112.0/122.0          |  |
|   | Outdoor diameter               | Liquid        | inch                 | 3/8"                 | 3/8"                 |  |
|   |                                | Gas           | inch                 | 5/8"                 | 5/8"                 |  |
|   | Max. distance                  | Height/Length | m                    | 30/75                | 30/75                |  |

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| Model                                     | Outdoor unit                   |               | GUD100W/NhA-T                     |                                   |                                   |                                   |                                   |                                   |
|---|--------------------------------|---------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
|   | Indoor unit                    |               | Duct                              |                                   | Cassette                          | Floor ceiling                     | Wall-mounted                      | Floor standing                    |
|   |                                |               | GUD100PH/A-T                      | GUD100PHS/A-T                     | GUD100T/A-T                       | GUD100ZD/A-T                      | GUD100G/A-T <sup>1</sup>          | GUD100LA-T <sup>1</sup>           |
| Capacity                                  | Cooling                        | kW            | 10.00                             | 10.00                             | 10.00                             | 10.00                             | 9.5                               | 10                                |
|   |                                | Btu/h         | 34100                             | 34100                             | 34100                             | 34100                             | 32000                             | 34100                             |
|   | Heating                        | kW            | 12.00                             | 12.00                             | 12.00                             | 12.00                             | 10.5                              | 12                                |
|   |                                | Btu/h         | 40900                             | 40900                             | 40900                             | 40900                             | 35800                             | 41000                             |
| SEER/SCOP                                 |                                |               | -                                 | 6.1/4.0                           | 6.1/4.0                           | 6.1/4.0                           | 6.1/4.1                           | 6.1/4.0                           |
| Energy efficiency grade (Cooling/Heating) |                                | -             | A++/A+                            | A++/A+                            | A++/A+                            | A++/A+                            | A++/A+                            | A++/A+                            |
| Power supply                              |                                | V/Ph/Hz       | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz |
| Power input                               | Cooling                        | kW            | 3.20                              | 3.20                              | 3.15                              | 3.30                              | 3.2                               | 3.2                               |
|   | Heating                        | kW            | 3.40                              | 3.40                              | 3.55                              | 3.60                              | 3.4                               | 3.4                               |
| Current input                             | Cooling                        | A             | 13.90                             | 13.90                             | 13.80                             | 14.50                             | 12.1                              | 13.9                              |
|   | Heating                        | A             | 15.20                             | 15.20                             | 15.70                             | 15.90                             | 9.5                               | 15.2                              |
| Refrigerant charge volume                 |                                | kg            | 2.50                              | 2.50                              | 2.50                              | 2.50                              | 2.50                              | 2.50                              |
| Loading quantity                          |                                | 40'GP/40'HQ   | set                               | 60/62                             | 60/62                             | 53/62                             | 57/68                             | 36/42                             |
| Indoor unit                               | Air flow volume(SH/H/M/L)      |               | CFM                               | 1059/894/812/747                  | 1059/894/812/747                  | 883/865/812/718                   | 942/883/794/742                   | 941                               |
|   |                                |               | m³/h                              | 1800/1520/1380/1270               | 1800/1520/1380/1270               | 1500/1470/1380/1220               | 1600/1500/1350/1260               | 1600                              |
|   | ESP                            | Rated         | Pa                                | 37                                | 37                                | -                                 | -                                 | -                                 |
|   |                                | Range         | Pa                                | 0-150                             | 0-150                             | -                                 | -                                 | -                                 |
|   | Sound pressure level(SH/H/M/L) |               | dB(A)                             | 46/44/42/40                       | 46/44/42/40                       | 50/48/46/42                       | 49/47/45/43                       | 50                                |
|   | Dimension (W×D×H)              | Outline       | mm                                | 1000×700×300                      | 1000×700×300                      | 840×840×240                       | 1200×665×235                      | 1350×253×326                      |
|   |                                | Package       | mm                                | 1205×813×360                      | 1205×813×360                      | 963×963×325                       | 1363×770×300                      | 1441×421×367                      |
|   | Net weight/Gross weight        |               | kg                                | 40.0/46.0                         | 41.0/47.0                         | 31.0/38.0                         | 32.0/38.0                         | 19/24                             |
| Panel                                     | Dimension (W×D×H)              | Outline       | mm                                | -                                 | -                                 | 950×950×52                        | -                                 | -                                 |
|   |                                | Package       | mm                                | -                                 | -                                 | 1033×1038×112                     | -                                 | -                                 |
|   | Net weight/Gross weight        |               | kg                                | -                                 | -                                 | 6.0/9.5                           | -                                 | -                                 |
| Outdoor unit                              | Sound pressure level           |               | dB(A)                             | 55/—/—                            | 55/—/—                            | 55/—/—                            | 55                                | 55                                |
|   | Dimension (W×D×H)              | Outline       | mm                                | 940×460×820                       | 940×460×820                       | 940×460×820                       | 940×460×820                       | 940×460×820                       |
|   |                                | Package       | mm                                | 1083×573×973                      | 1083×573×973                      | 1083×573×973                      | 1073×563×868                      | 1073×563×868                      |
|   | Net weight/Gross weight        |               | kg                                | 83/95                             | 83/95                             | 83.0/95.0                         | 83.0/95.0                         | 83/95                             |
| Connecting pipe                           | Outdoor diameter               | Liquid        | inch                              | 3/8"                              | 3/8"                              | 3/8"                              | 3/8"                              | 3/8"                              |
|   |                                | Gas           | inch                              | 5/8"                              | 5/8"                              | 5/8"                              | 5/8"                              | 5/8"                              |
|   | Max. distance                  | Height/Length | m                                 | 30/65                             | 30/65                             | 30/65                             | 30/65                             | 65/75                             |

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| Model                                     | Outdoor unit                   |               | GUD100W/NhA-X        |                      |                      |                      |
|---|--------------------------------|---------------|----------------------|----------------------|----------------------|----------------------|
|   | Indoor unit                    |               | Duct                 |                      | Cassette             | Floor ceiling        |
|   |                                |               | GUD100PH/A-T         | GUD100PHS/A-T        | GUD100T/A-T          | GUD100ZD/A-T         |
| Capacity                                  | Cooling                        | kW            | 10.00                | 10.00                | 10.00                | 10.00                |
|   |                                | Btu/h         | 34100                | 34100                | 34100                | 34100                |
|   | Heating                        | kW            | 12.00                | 12.00                | 12.00                | 12.00                |
|   |                                | Btu/h         | 40900                | 40900                | 40900                | 40900                |
| SEER/SCOP                                 |                                |               | -                    | 6.1/4.0              | 6.1/4.0              | 6.1/4.0              |
| Energy efficiency grade (Cooling/Heating) |                                | -             | A++/A+               | A++/A+               | A++/A+               | A++/A+               |
| Power supply                              |                                | V/Ph/Hz       | 380-415V 3N~ 50/60Hz | 380-415V 3N~ 50/60Hz | 380-415V 3N~ 50/60Hz | 380-415V 3N~ 50/60Hz |
| Power input                               | Cooling                        | kW            | 3.15                 | 3.15                 | 3.00                 | 3.30                 |
|   | Heating                        | kW            | 3.50                 | 3.50                 | 3.40                 | 3.50                 |
| Current input                             | Cooling                        | A             | 4.80                 | 4.80                 | 5.00                 | 5.10                 |
|   | Heating                        | A             | 5.60                 | 5.60                 | 5.30                 | 5.60                 |
| Refrigerant charge volume                 |                                | kg            | 2.50                 | 2.50                 | 2.50                 | 2.50                 |
| Loading quantity                          |                                | 40'GP/40'HQ   | set                  | 60/62                | 53/62                | 57/68                |
| Indoor unit                               | Air flow volume(SH/H/M/L)      |               | CFM                  | 1059/894/812/747     | 1059/894/812/747     | 883/865/812/718      |
|   |                                |               | m³/h                 | 1800/1520/1380/1270  | 1800/1520/1380/1270  | 1500/1470/1380/1220  |
|   | ESP                            | Rated         | Pa                   | 37                   | 37                   | -                    |
|   |                                | Range         | Pa                   | 0-150                | 0-150                | -                    |
|   | Sound pressure level(SH/H/M/L) |               | dB(A)                | 46/44/42/40          | 46/44/42/40          | 50/48/46/42          |
|   | Dimension (W×D×H)              | Outline       | mm                   | 1000×700×300         | 1000×700×300         | 840×840×240          |
|   |                                | Package       | mm                   | 1205×813×360         | 1205×813×360         | 963×963×325          |
|   | Net weight/Gross weight        |               | kg                   | 40.0/46.0            | 41.0/47.0            | 31.0/38.0            |
| Panel                                     | Dimension (W×D×H)              | Outline       | mm                   | -                    | -                    | 950×950×52           |
|   |                                | Package       | mm                   | -                    | -                    | 1033×1038×112        |
|   | Net weight/Gross weight        |               | kg                   | -                    | -                    | 6.0/9.5              |
| Outdoor unit                              | Sound pressure level           |               | dB(A)                | 55/—/—               | 55/—/—               | 55/—/—               |
|   | Dimension (W×D×H)              | Outline       | mm                   | 940×460×820          | 940×460×820          | 940×460×820          |
|   |                                | Package       | mm                   | 1083×573×973         | 1083×573×973         | 1083×573×973         |
|   | Net weight/Gross weight        |               | kg                   | 89.0/101.0           | 89.0/101.0           | 89.0/101.0           |
| Connecting pipe                           | Outdoor diameter               | Liquid        | inch                 | 3/8"                 | 3/8"                 | 3/8"                 |
|   |                                | Gas           | inch                 | 5/8"                 | 5/8"                 | 5/8"                 |
|   | Max. distance                  | Height/Length | m                    | 30/65                | 30/65                | 30/65                |

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| Model                                     | Outdoor unit                   |               | GUD125W/NhA-T                     |                                   |                                   |                                   |                                   |
|---|--------------------------------|---------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
|   | Indoor unit                    |               | Duct                              |                                   | Cassette                          | Floor ceiling                     | Floor standing                    |
|   |                                |               | GUD125PH/A-T                      | GUD125PHS/A-T                     | GUD125T/A-T                       | GUD125ZD/A-T                      | GUD125LA-T*                       |
| Capacity                                  | Cooling                        | kW            | 12.10                             | 12.10                             | 12.10                             | 12.10                             | 12                                |
|   |                                | Btu/h         | 41200                             | 41200                             | 41200                             | 41200                             | 41000                             |
|   | Heating                        | kW            | 13.50                             | 13.50                             | 13.50                             | 13.50                             | 13.5                              |
|   |                                | Btu/h         | 46000                             | 46000                             | 46000                             | 46000                             | 46000                             |
| SEER/SCOP                                 |                                |               | -                                 | 5.8/3.8                           | 5.8/3.8                           | 6.1/3.8                           | 6.1/4.0                           |
| Energy efficiency grade (Cooling/Heating) |                                | -             | A+/A                              | A+/A                              | A++/A                             | A++/A                             | A++/A+                            |
| Power supply                              |                                | V/Ph/Hz       | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz | 220-240V ~ 50Hz & 208-230V ~ 60Hz |
| Power input                               | Cooling                        | kW            | 4.10                              | 4.10                              | 4.10                              | 3.90                              | 4.10                              |
|   | Heating                        | kW            | 4.10                              | 4.10                              | 4.20                              | 3.95                              | 4.10                              |
| Current input                             | Cooling                        | A             | 17.90                             | 17.90                             | 17.50                             | 15.70                             | 17.90                             |
|   | Heating                        | A             | 17.00                             | 17.00                             | 18.00                             | 16.80                             | 17.00                             |
| Refrigerant charge volume                 |                                | kg            | 2.65                              | 2.65                              | 2.65                              | 2.65                              | 2.65                              |
| Loading quantity                          |                                | 40'GP/40'HQ   | set                               | 52/56                             | 52/56                             | 48/53                             | 36/42                             |
| Indoor unit                               | Air flow volume(SH/H/M/L)      |               | CFM                               | 1177/1018/924/824                 | 1177/1018/924/824                 | 1059/995/865/742                  | 1059/1000/906/824                 |
|   |                                |               | m³/h                              | 2000/1730/1570/1400               | 2000/1730/1570/1400               | 1800/1690/1470/1260               | 1800/1700/1540/1400               |
|   | ESP                            | Rated         | Pa                                | 50                                | 50                                | -                                 | 0                                 |
|   |                                | Range         | Pa                                | 0-150                             | 0-150                             | -                                 | 0                                 |
|   | Sound pressure level(SH/H/M/L) |               | dB(A)                             | 42/40/39/37                       | 42/40/39/37                       | 51/49/46/42                       | 49/47/44/42                       |
|   | Dimension (W×D×H)              | Outline       | mm                                | 1400×700×300                      | 1400×700×300                      | 840×840×290                       | 1570×665×235                      |
|   |                                | Package       | mm                                | 1601×813×365                      | 1601×813×365                      | 963×963×379                       | 1729×770×300                      |
|   | Net weight/Gross weight        |               | kg                                | 49.0/55.0                         | 50.0/56.0                         | 33.0/41.0                         | 40.0/47.0                         |
| Panel                                     | Dimension (W×D×H)              | Outline       | mm                                | -                                 | -                                 | 950×950×52                        | -                                 |
|   |                                | Package       | mm                                | -                                 | -                                 | 1033×1038×112                     | -                                 |
|   | Net weight/Gross weight        |               | kg                                | -                                 | -                                 | 6.0/9.5                           | -                                 |
| Outdoor unit                              | Sound pressure level           |               | dB(A)                             | 55/—/—                            | 55/—/—                            | 55/—/—                            | 55                                |
|   | Dimension (W×D×H)              | Outline       | mm                                | 940×460×820                       | 940×460×820                       | 940×460×820                       | 940×460×820                       |
|   |                                | Package       | mm                                | 1083×573×973                      | 1083×573×973                      | 1083×573×973                      | 1073×563×868                      |
|   | Net weight/Gross weight        |               | kg                                | 91/103                            | 91/103                            | 91.0/103.0                        | 91/103                            |
| Connecting pipe                           | Outdoor diameter               | Liquid        | inch                              | 3/8"                              | 3/8"                              | 3/8"                              | 3/8"                              |
|   |                                | Gas           | inch                              | 5/8"                              | 5/8"                              | 5/8"                              | 5/8"                              |
|   | Max. distance                  | Height/Length | m                                 | 30/75                             | 30/75                             | 30/75                             | 30/75                             |

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## Control System Lineup

| Controlling system                               |                          |   | High efficiency series  |  |   |
|--|--------------------------|---|---|--|---|
|  |                          |   | Duct type   | Cassette type  | Floor ceiling type  |
| Wireless remote controller                       | YAP1F6                   |    |    |    |    |
|  | YAN1F1                   |    |    |    |    |
|  | YAA1FB6(WiFi)            |    |    |    |    |
| Wired controller                                 | XK117                    |    |    |    |    |
|  | XE70-13/G2               |    |    |    |    |
|  | XE71-42/G                |    |    |    |    |
| Central controller                               | CE52-24/F(C)             |    |    |    |    |
| Modbus gateway                                   | ME50-00/EG(M)            |    |    |    |    |
| Dry contact gateway<br>(Extended function board) | ME30-42/E1               |    |    |    |    |
| Optoelectronic<br>isolated converter             | RS232-RS422/485          |    |    |    |    |
| WiFi module*                                     | ME31-00/C6<br>ME31-00/C4 |   |    |    |    |
| Door controller                                  | MK03                     |  |  |  |  |
| Debugger   | CE42-24/F(C)             |  |  |  |  |

Note : ● means standard, ○ means optional.

\*Please confirm the final specifications with sales representatives.

## Note



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